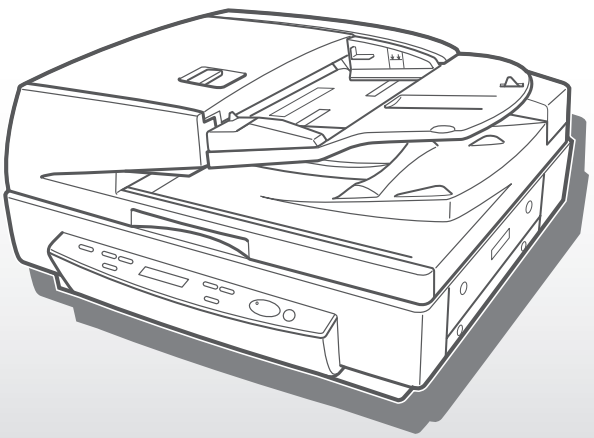
Canon

Document Scanner
DR-7080C

INSTRUCTIONS



Please read this manual before operating this unit. After you finish reading this manual, store it in a safe place for future reference.

International ENERGY STAR® Office Equipment Program

As an ENERGY STAR® Partner, Canon Electronics Inc., has determined that this machine meets the ENERGY STAR® Program guidelines for energy efficiency.

The International ENERGY STAR® Office Equipment Program is an international program that promotes energy saving through the use of computers and other office equipment.
The program backs the development and dissemination of products with functions that effectively reduce energy consumption. It is an open system in which business proprietors can participate voluntarily. The targeted products are office equipment, such as computers, monitors, printers, fax, machine, copiers, and scanners. The standards and logos are uniform among participating nations.

FCC REGULATIONS (For 120V models)

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

RADIO INTERFERENCE REGULATIONS (For 120V models)

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled “Digital Apparatus”, ICES-003 of the Industry Canada.

RÈGLEMENT SUR LE BROUILLAGE RADIOÉLECTRIQUE (For 120V models)

Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe A prescrites dans la norme sur le matériel brouilleur: “Appareils Numériques”, NMB-003 édictée par l’Industrie Canada.

NOTICE

① Copyright 2006 by CANON ELECTRONICS INC. All rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual, or otherwise, without the prior permission of CANON ELECTRONICS INC.

② The contents of this manual are subject to change without notice.

③ Every effort has been made to ensure the accuracy of information presented in this manual. However, Canon Electronics Inc. and the subsidiaries on the back cover assume no responsibility for any errors or their consequences.

④ We do not assume any responsibility for damage resulting from operations regardless of item ③.

Trademarks and Registered Trademarks

- ENERGY STAR is a United States registered mark.
- Microsoft Windows® and Microsoft Windows NT® are registered trademarks of Microsoft Corporation in the United States and in other countries.
- ISIS is a trademark of EMC Corporation, in the United States.
- Product names mentioned herein are for identification purposes only and may be trademarks and/or registered trademarks of their respective companies.

READ CAREFULLY BEFORE OPENING THE SEALED DISK PACKAGE

CANON SOFTWARE LICENSE AGREEMENT

IMPORTANT-READ THIS AGREEMENT BEFORE OPENING THE SEALED DISK PACKAGE! BY OPENING THE SEALED DISK PACKAGE, YOU ARE DEEMED TO AGREE TO BE BOUND BY THIS AGREEMENT.

This legal document is a license agreement between you and Canon Electronics Inc. ("Canon"). BY OPENING THE SEALED DISK PACKAGE, YOU ARE DEEMED TO AGREE TO BE BOUND BY THE TERMS OF THIS AGREEMENT. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, DO NOT OPEN THE SEALED DISK PACKAGE AND PROMPTLY RETURN THE CANON SCANNER, THE DISK PACKAGE CONTAINING SCANNER DRIVER SOFTWARE PROGRAMS AND/OR SCANNER UTILITY SOFTWARE PROGRAM PROPRIETARY TO CANON OR ITS LICENSOR (THE "SOFTWARE") AND THE ACCOMPANYING DOCUMENTATION AND OTHER ITEMS TO THE PLACE WHERE YOU OBTAINED THEM FOR A REFUND BEFORE THEY ARE USED OR OPENED OR UNPACKED.

In consideration of the right to use the SOFTWARE, you agree to abide by the terms and conditions of this Agreement.

1. GRANT OF LICENSE: Canon grants you the personal, non-exclusive right to use the SOFTWARE only on a single computer. You shall need to obtain multiple licenses separately from Canon when you shall install the SOFTWARE on multiple computers.

You shall not assign, sublicense, sell, rent, lease, loan, convey or transfer to any third party, or send or bring the SOFTWARE out of the country where you originally obtain it to other countries without required authorization of applicable governments, or copy, duplicate, translate or convert to another programming language the SOFTWARE or accompanying documentation, except as expressly provided herein.

Except as expressly permitted under the applicable law, you shall not alter, modify, disassemble, decompile or otherwise reverse engineer the SOFTWARE or accompanying documentation and you also shall not have any third party do so.

2. BACK-UP COPY: You may make one copy of the SOFTWARE solely for a back-up purpose or copy the SOFTWARE onto the permanent storage device (e.g. a hard disk) of your computer and retain the original for a back-up purpose. Except as expressly permitted under the applicable law, any other copying of the SOFTWARE is a violation of this Agreement. You must reproduce and include the copyright notice on the back-up copy.

3. SUPPORT AND UPDATE: Canon, Canon's affiliate, their distributor or dealer is not responsible for maintaining or helping you to use the SOFTWARE. No updates, fixes or support will be made available for the SOFTWARE.

4. LIMITED WARRANTY AND DISCLAIMER OF INDEMNITY: Canon, Canon's affiliate, their distributor or dealer will not guarantee uninterrupted service, or absence or correction of errors. Therefore, the SOFTWARE is licensed on an "AS IS" basis without warranty of any kind. The diskette on which the SOFTWARE is recorded is warranted against defective material or workmanship under normal use for a period of ninety (90) days from the date you purchased the same as evidenced by a receipt or otherwise. The limited warranty does not apply if the failure of the diskette resulted from accident, abuse or misapplication of the SOFTWARE and shall not extend to anyone other than the original user of the SOFTWARE.

CANON, CANON'S AFFILIATE, THEIR DISTRIBUTOR OR DEALER DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE SOFTWARE OR ACCOMPANYING DOCUMENTATION.

NEITHER CANON, CANON'S AFFILIATE, THEIR DISTRIBUTOR NOR DEALER IS LIABLE FOR ANY LOSS OR DAMAGE INCLUDING CONSEQUENTIAL OR INCIDENTAL LOSS OR DAMAGE SUCH AS LOSS OF PROFITS, EXPENSE OR INCONVENIENCE, WHATSOEVER CAUSED BY OR ARISING OUT OF THE SOFTWARE, ACCOMPANYING DOCUMENTATION OR THE USE THEREOF.

CANON, CANON'S AFFILIATE, THEIR DISTRIBUTOR OR DEALER SHALL HAVE NO OBLIGATION TO INDEMNIFY YOU AGAINST ANY CLAIM OR SUIT BROUGHT BY A THIRD PARTY ALLEGING THAT THE SOFTWARE, ACCOMPANYING DOCUMENTATION OR THE USE THEREOF INFRINGES ANY INTELLECTUAL PROPERTY OF SUCH THIRD PARTY.

THE ABOVE IS CANON'S ENTIRE LIABILITY AND YOUR EXCLUSIVE REMEDY IN CONNECTION WITH THE SOFTWARE AND ACCOMPANYING DOCUMENTATION.

5. TERM: This Agreement is effective upon opening the sealed disk package and remains in effect until terminated. You may terminate this Agreement by destroying the SOFTWARE and any copy thereof. This Agreement will also terminate if you fail to comply with any of the terms of this Agreement. In addition to Canon enforcing its respective legal rights, you must then promptly destroy the SOFTWARE and any copy thereof.

6. U.S. GOVERNMENT RESTRICTED RIGHTS NOTICE: The SOFTWARE is provided with RESTRICTED RIGHTS. Use, duplication or disclosure is subject to restrictions as set forth in either subparagraph (c) (1) (ii) of the Rights in Technical Data and Computer Software clause at DFARs 252.227-7013 or subparagraph (c) (1) and (2) of the Commercial Computer Software Restricted Rights Clause at FAR 52.227-19, as applicable.

7. SEVERABILITY: In the event that provision of this Agreement is declared or found to be illegal by any court or tribunal of competent jurisdiction, such provision shall be null and void with respect to the jurisdiction of that court or tribunal and all the remaining provisions of this Agreement shall remain in full force and effect.

8. ACKNOWLEDGEMENT: BY OPENING THE SEALED DISK PACKAGE, YOU ACKNOWLEDGE THAT YOU HAVE READ THIS AGREEMENT, UNDERSTOOD IT, AND AGREE TO BE BOUND BY ITS TERMS AND CONDITIONS. YOU ALSO AGREE THAT THIS AGREEMENT IS THE COMPLETE AND EXCLUSIVE STATEMENT OF AGREEMENT BETWEEN YOU AND CANON CONCERNING THE SUBJECT MATTER HEREOF AND SUPERSEDES ALL PROPOSALS OR PRIOR AGREEMENTS, VERBAL OR WRITTEN, AND ANY OTHER COMMUNICATIONS BETWEEN YOU AND CANON RELATING TO THE SUBJECT MATTER HEREOF. NO AMENDMENT TO THIS AGREEMENT SHALL BE EFFECTIVE UNLESS SIGNED BY A DULY AUTHORIZED REPRESENTATIVE OF CANON.

Should you have any questions concerning this Agreement, or if you desire to contact Canon for any reason, please write to Canon's local affiliate.

INTRODUCTION

Thank you for purchasing the Canon Document Scanner DR-7080C.
Please read this manual thoroughly before operating the machine in order to familiarize yourself with its capabilities, and to make the most of its many functions. After reading this manual, store it in a safe place for future reference.

Manuals for the Scanner

The DR-7080C Scanner has an Easy Start Guide and INSTRUCTIONS (this manual) included in the package, and a CapturePerfect 3.0 Operation Guide and Online Help.
For details on checking the packing list, software installation, computer connections, and scanner setup, see the Easy Start Guide. For details on preparing the scanner, and details on scanning and how to handle the scanner, see the INSTRUCTIONS.

The following describes the manuals packaged with the scanner. Before you start using the scanner, be sure to read this INSTRUCTIONS.

Easy Start Guide

This manual describes the procedure for removing the scanner from its box through to setting up the scanner for scanning.

INSTRUCTIONS (this manual)

This manual describes the basic operations for using the scanner, performing routine maintenance, and troubleshooting, and provides the scanner specifications.

CapturePerfect 3.0 Operation Guide (PDF manual)

CapturePerfect 3.0 and its Operation Guide are both installed on your computer with CapturePerfect 3.0 Operation Guide. (See p. 36.)

Conventions

This manual uses the following symbols and indications.
Before you start reading this manual, read the following and familiarize yourself with their meanings.

Warnings are provided for your safety and contain extremely important information. Failure to observe the instructions provided in a warning could result in death or serious injury to yourself or your coworkers.

Caution notices are also provided for your safety and contain important information. Failure to observe the instructions provided in a caution notice could result in serious injury to yourself or your coworkers or damage to the equipment.

These important notes contain important information on procedures that must be followed or actions that must be avoided. Failure to observe a request could result in damage to the equipment or a malfunction.

Notes provide additional tips or advice that can save you time and effort in using the scanner.

CONTENTS

INTRODUCTION 1
Manuals for the Scanner 1
Conventions 2
Safety Precautions 6
Safe Operation 6
Installation Location 8
Power Supply 9
Opening and Closing the Feeder 9
Carrying 10

Chapter 1 Getting Ready

1.1 Features of the DR-7080C 12
1.2 Before Getting Started 14
Removing the Transportation Screw 14
1.3 Part Names 15
Feeder 15
Flatbed 16
Rear 17
Operation Panel 18
1.4 Job Function 20
1.5 Optional Products 21
Stamp Unit 21

Chapter 2 Connecting to a Computer

2.1 Checking Your Operating Environment 24
2.2 Connecting to a Computer 26
USB Connections 26
SCSI Connections 27
◆ Setting the SCSI ID and Terminator 28
Connecting the Power Cord 30
2.3 Turning ON or OFF the Power 31
Turning ON the Power 31
Turning OFF the Power 32

Chapter 3 Using the Software

3.1 About the Software 34
3.2 How to Use the Software 35
How to Display the ISIS/TWAIN Driver Help File 35
How to Start CapturePerfect 36
How to Start the Job Registration Tool 37
3.3 Uninstalling the Software 39

Chapter 4 Using the Scanner

4.1 Documents 42
Types of Documents 42
Feeder Capacity 43
4.2 Placing Documents onto the Scanner 44
Loading a Document into the Feeder 44
Positioning a Document on the Flatbed (Platen Glass) 47
4.3 Document Feeding and Scanning 50
Scan Procedure 50
◆ Standard Feeding 51
◆ Panel Feeding 52
◆ Automatic Feeding 53
4.4 Other Scanning Techniques 55
Using the Job Mode for Scanning 55
◆ Setting the Event Function 56
Using the Count Only Mode 59
Using Patch Code Sheets 60
◆ Patch Code Sheets 60
◆ Types of Patch Code Patterns 61
◆ How to Use Patch Code Sheets 62

Chapter 5 User Modes

5.1 About the User Modes 66
User Mode Functions 66
How to Set the User Modes 68

Chapter 6 Troubleshooting

6.1 When the Scanner Is Not Recognized 70
SCSI Connections 70
USB Connections 72
6.2 Clearing Paper Jams 73
Clearing a Paper Jam 73
Paper Jam Causes 77
6.3 When the Scanned Image Is Not Normal 78
6.4 Display Messages 79
Error Messages 79
Scanner Status Messages 81
6.5 Troubleshooting 82

Chapter 7 User Maintenance

7.1 Changing the Stamp Cartridge 86
7.2 Daily Cleaning 88
Cleaning the Main Unit 88
Cleaning the Flatbed (Platen Glass) and Pressure Board 89
Cleaning the Feeder 90
Cleaning the Power Plug 94

Appendix

Specifications 96
Specifications for the Scanner 96
Options 97
Consumables 97
Exterior Dimensions 98
Index 99

Safety Precautions

Safe Operation

When you are working around the scanner, follow these precautions to avoid the hazards of fire and electrical shock:

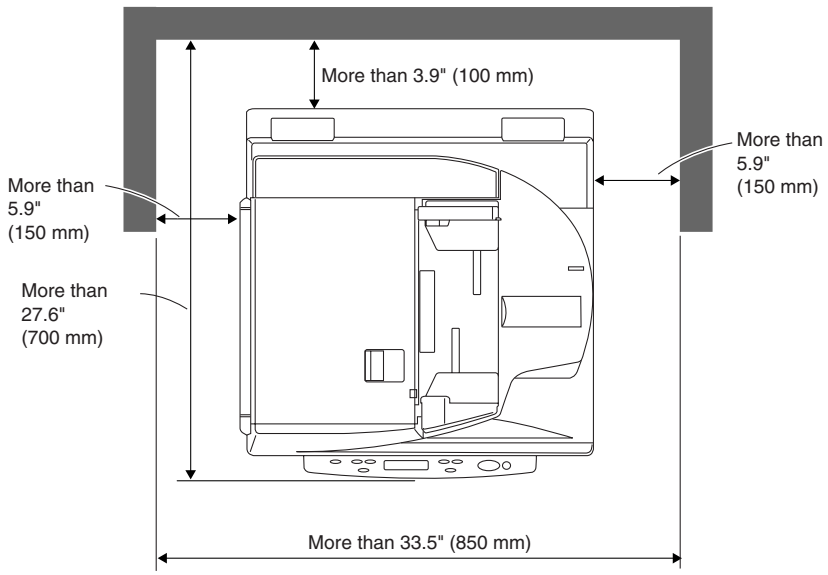
WARNING

- Never install and operate the scanner near flammable substances such as alcohol, paint thinner, benzene, or any other type of volatile solution.
- Never damage or modify the power cord, and never place heavy objects on the power cord.
- Always make sure that your hands are dry when you are handling the power cord or plug. Never grasp the plug when your hands are wet.
- Never plug the scanner into a multiplug power strip.
- Never bundle, wrap, or tie the power cord around itself or another object. Connect the plug securely to the power source.
- Use only the power cord and plug provided with the scanner.
- Never attempt to disassemble or modify the scanner.
- Never use flammable aerosol products near the scanner.
- Before you clean the scanner, turn OFF the power and disconnect the power cord from the power outlet.
- To clean the scanner exterior, use a firmly wrung cloth moistened slightly with water or mild detergent. Never use any type of volatile solution such as alcohol, benzene, or paint thinner.
- If you hear a strange sound, detect smoke or abnormal heat, sense vibration, or smell odd odors around the scanner, turn OFF the power immediately and disconnect the power cord from the power outlet. Call for service immediately.
- Handle the scanner with care. Avoid shocks and vibrations to the scanner caused by reckless handling. If you suspect the scanner has been accidentally damaged, turn OFF the power immediately and disconnect the power cord from the power outlet. Call for service immediately.
- Before you move the scanner, always turn OFF the power and disconnect the power cord from the power outlet.
- The scanner weighs 74.0 lb (33.6 kg). Two people must carry the scanner. You may drop the scanner, or pinch your fingers if you attempt to carry it by yourself.
- **Notice to Cardiac Pacemaker Users**
  This product generates a weak magnetic field. If you use a cardiac pacemaker, move away from product in the event that you notice any unusual symptoms. Also, please consult a cardiologist.

CAUTION

- To avoid damage to the scanner, never place the scanner on an unstable or vibrating surface. The scanner may tip or fall over, and cause an injury.
- To avoid overheating and causing a fire, never block the air vents on the rear and side of the scanner.
- Keep all liquids, beverages, or any type of liquid, and clips, staples, necklaces, or other metal objects away from the scanner. If you accidentally spill liquid or drop a metal object into the scanner, turn OFF the power immediately and disconnect the power cord from the power outlet. Call for service immediately.
- Never install the scanner in humid or dusty locations. Doing so might cause a fire or electrical shock.
- Never place heavy objects on top of the scanner. Such objects may tip or fall over, and cause an injury.
- When you remove the power cord, grip it by the plug head. Never attempt to disconnect the power cord from the power outlet by pulling on the power cord. Doing so might expose or break the core leads, damage the power cord, and cause a fire or electrical shock.
- Keep the area around the power outlet clear of all obstacles so you can disconnect the power cord easily at all times.
- Never spill water or any type of volatile solution (alcohol, benzene, paint thinner) into the scanner. Doing so might cause a fire or electrical shock.
- When the scanner is not being used for a long time, disconnect the power cord from the power outlet.
- Avoid wearing loose fitting clothing, dangling jewelry, long ties, or even long hair that could become entangled with moving parts, especially the rollers that feed the scanner. If such objects become entangled, immediately disconnect the power plug from the power outlet to stop the scanner.
- Be very careful when you are loading a document or removing a paper jam. You may be injured unexpectedly. For example, the paper edges may cut your fingers.
- Do not open the feeder cover while the scanner is operating. Doing so might result in a malfunction or injury.
- Do not directly touch the pins and contacts on the scanner connector with your hands. Doing so might result in a malfunction.
- Open the feeder carefully and slowly, taking care to avoid letting it fall over backwards. Failure to do so might result in a malfunction or personal injury.
- Close the feeder carefully and slowly, taking care to avoid pinching your hands. Failure to do so might result in a malfunction or personal injury.
- When scanning a thick book or similar item from the flatbed (platen glass), avoid pressing down hard on the feeder. Doing so might damage the glass and create the risk of a malfunction or personal injury.
- Never place any object other than documents to be scanned onto the scanner's flatbed (platen glass). Doing so might result in a malfunction or personal injury.

Installation Location



For operation, maintenance and ventilation, make sure that there is enough space around the scanner, as shown in the illustration above.

Avoid placing the scanner in the following places. Doing so may cause a malfunction and adversely affect the scanner or your computer.

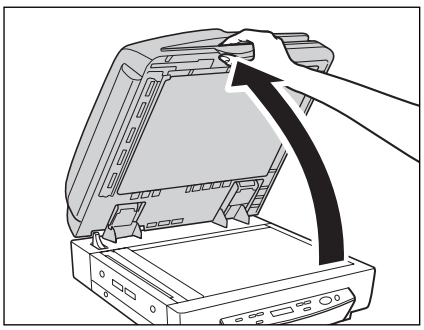
- Places exposed to direct sunlight
  If installation in such places is unavoidable, provide a curtain or similar object to shade the scanner.
- Places subject to dust and fumes
  Dust and cigarette fumes adversely affect the components inside the scanner.
- Near running water, a heat source, water vapor, or in an area such as a laboratory exposed to ammonia gas, paint thinner, or other volatile chemicals.
- Places subject to vibration and strong shock
- Places subject to rapid changes in temperature or humidity
  Condensation occurring inside the scanner may impair scan image quality. Place the scanner in a room that is well within the following range:
  Room temperature 59°F to 86°F (15°C to 30°C)
  Relative humidity 25% to 80% RH
- Near electronic equipment or heavy equipment that generates a strong magnetic field, such as a speaker, TV, or radio.

Power Supply

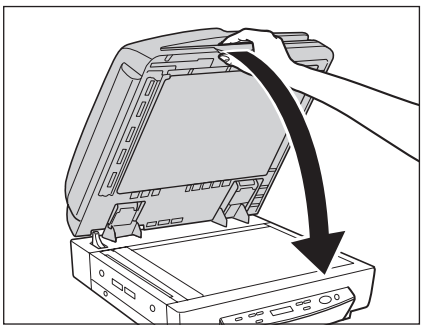
- Be sure to connect to an AC 220-240 V (50/60 Hz) or AC 120 V (60 Hz) power supply, according to your region's requirement.
- Ensure that the scanner is connected to an independent power outlet. Do not plug the scanner into an outlet shared with another device. If you use an extension cord, pay attention to the total amperage of the cord.
- If you are unsure of anything relating to the power supply, contact your service representative or the power company.
- Never place an object on top of the power cord or step on the power cord.
- Never bundle the power cord or wrap the cord around an object, such as a table leg.
- Do not tug the power cord. When you remove the power cord, grip it by the plug head.
- Keep the area around the power outlet free of obstacles.

Opening and Closing the Feeder

■ Open the feeder carefully and slowly, taking care to avoid letting the feeder fall over backwards.

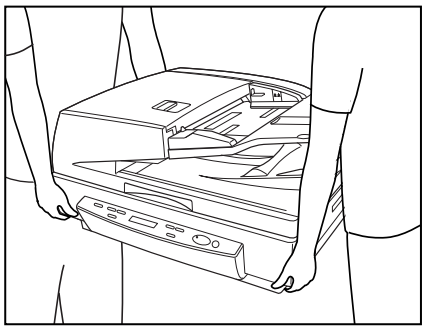


■ Close the feeder carefully and slowly, taking care to avoid pinching your fingers.



Carrying

Take care when moving the scanner. Two people should hold the scanner firmly on opposite sides when lifting it.



WARNING

- The scanner weighs 74.0 lb (33.6 kg). Two people must carry the scanner. You may drop the scanner, or pinch your fingers if you attempt to carry it by yourself.
- When moving the scanner, be sure to turn OFF the power and remove any cables. If the cables are not removed before moving the scanner, you may damage the plugs or connectors by forcibly pulling them out.
- **Notice to Cardiac Pacemaker Users**
  This product generates a weak magnetic field. If you use a cardiac pacemaker, move away from product in the event that you notice any unusual symptoms. Also, please consult a cardiologist.

Chapter 1

Getting Ready

This chapter describes the features of the scanner and the names and functions of parts on the scanner.

1.1 Features of the DR-7080C 12
1.2 Before Getting Started 14
Removing the Transportation Screw 14
1.3 Part Names 15
Feeder 15
Flatbed 16
Rear 17
Operation Panel 18
1.4 Job Function 20
1.5 Optional Products 21
Stamp Unit 21

Features of the DR-7080C

The DR-7080C is a desktop ADF/flatbed scanner for high-speed scanning of large volume documents. The following are the main features of the DR-7080C.

- **Black and white, grayscale, and 24-bit color output**
  Support for black and white, grayscale, and 24-bit color output.

- **High-speed scanning**
  The feeder supports scanning of LTR/A4-size documents at speeds up to 70 pages per minute.

- **Duplex (two-side) scanning**
  When scanning both sides of document pages with the feeder, the front is scanned first. After that the page is turned over automatically and the back is scanned.

- **Flatbed scanning**
  Flatbed scanning is also supported for thin paper, paper that does not feed properly, magazines, bound documents, and other documents that cannot be scanned using the feeder.

- **Large capacity, reliable feeding**
  - A large capacity paper feed tray allows loading of up to 100 LTR/A4-size document pages.
  - The document size is detected and adjusted automatically, which eliminates the need for troublesome manual settings. Document pages of different sizes can be mixed together and loaded for a single scan operation.

- **Job Function**[*1]
  To begin scanning, you need only to select a job with the [Job] keys of the scanner, and then press the [Start] key. Scanned images can be sent directly to a specific folder, printer, or e-mail address. (See “Job Function,” on p. 20.)

- **Skew correction**
  This feature automatically detects when a document page is fed unevenly, and automatically straightens it.

- **Text Orientation Recognition**
  The DR-7080C can detect the text orientation in scanned images and rotate the images in 90° increments to normalize text orientation.

- **High durability**
  A highly durable design provides scanning for up to 4 million scans.

- **Advanced Text Enhancement**
  This feature eliminates the background surrounding the text. This makes it easier to read the text on documents that are printed on a light colored background, or are written in pencil, or if the text is a color other than black.

- **Dropout color**
  This feature lets you skip ("drop out") a specific color when scanning.

- **Stamping (option)**
  This feature automatically marks the trailing edge of a scanned document page with a stamp to indicate that is has been scanned. (See “Optional Products,” on p. 21.)

*1 This function is not supported on a computer that is running Windows NT.

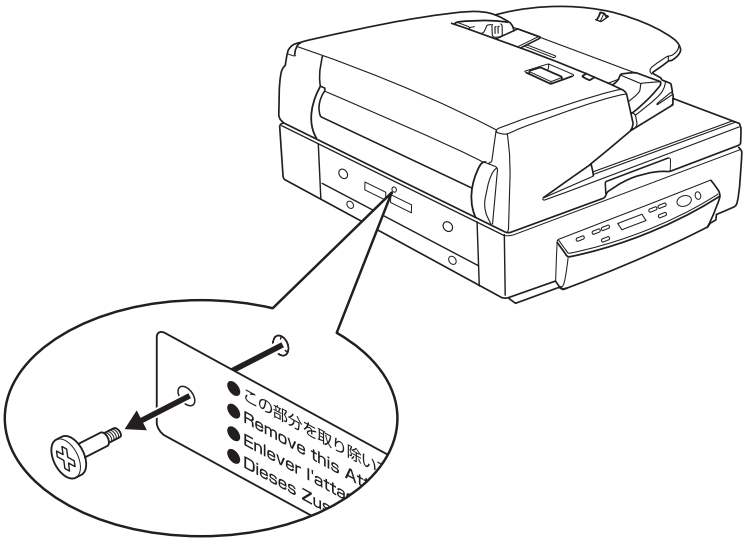
1.2 Before Getting Started

Make sure you perform the following procedures before using the DR-7080C for the first time.

• Removing the Transportation Screw

Removing the Transportation Screw

A transportation screw is installed at the factory to lock the scanner's optical unit in place and protect it against damage caused by vibration and other forces during shipment. You must remove the transportation screw before trying to use the scanner.



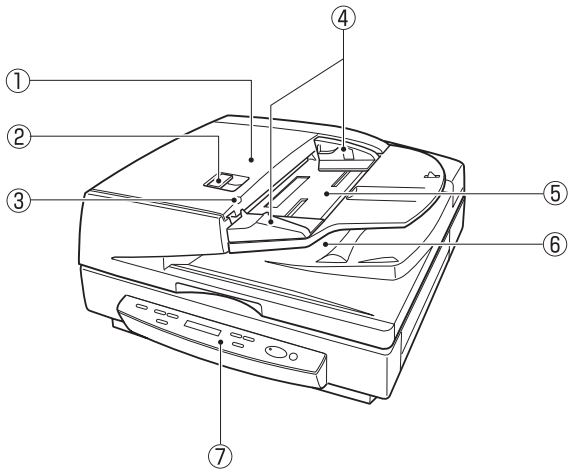
Important

Turning the scanner ON without removing the transportation screw may damage the scanner. If installed, always remove the transportation screw and tag before turning the power ON.

1.3 Part Names

This section describes the names and functions of each part. Before you connect the DR-7080C, take a few minutes to familiarize yourself with the main parts.

Feeder



① Feeder Cover
Open this cover to clear document jams and clean the rollers. (See pp. 73, 86.)

② Opening Lever
Operate this release lever when opening or closing the feeder cover.

③ Document Set Indicator
This indicator lights when there is a document in the document feeder tray. (See p. 45.)

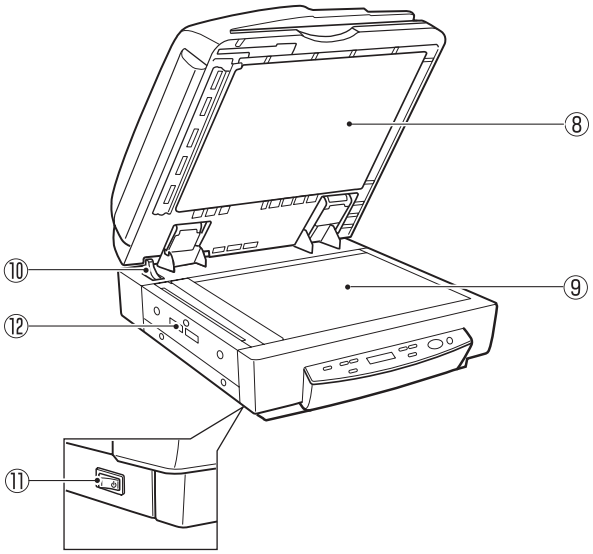
④ Slide Guide
Adjust this guide to the marking on the document size label that indicates the applicable document size. (See p. 44.)

⑤ Document Feeder Tray
Load documents to be scanned here. (See p. 45.)

⑥ Document Eject Tray
Scanned documents are ejected here. Raise the document feeder tray to remove ejected documents. (See p. 46.)

⑦ Operation Panel
(See p. 18.)

Flatbed



⑧ Pressure Board
This board presses the document page against the glass during scanning. (See p. 47.)

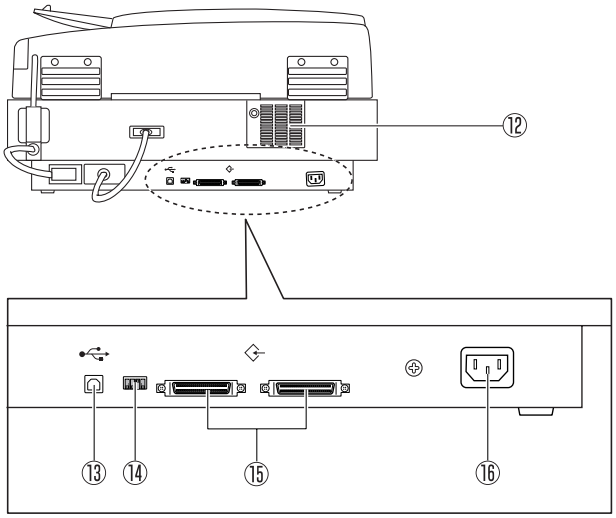
⑨ Flatbed (Platen Glass)
When placing the document onto the platen glass, align it with the arrow in the upper left corner of the glass. (See p. 47.)

⑩ Opening Sensor
This sensor detects whether the feeder is open or closed. (See p. 47.)

⑪ Power Switch
(See p. 31.)

⑫ Air Vents

Rear



⑫ Air Vents

⑬ USB Connector
Connect a Hi-Speed USB 2.0 compatible USB cable here. (See p. 26.)

⑭ DIP Switches
Configure these switches to specify the SCSI ID or terminator ON or OFF. (See p. 28.)

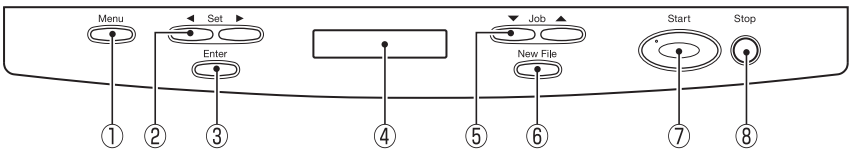
⑮ SCSI Connectors
Connect a SCSI cable (50-pin half pitch, pin type) here. (See p. 27.)

⑯ Power Cord Connector
Connect the provided power cord here.

Important

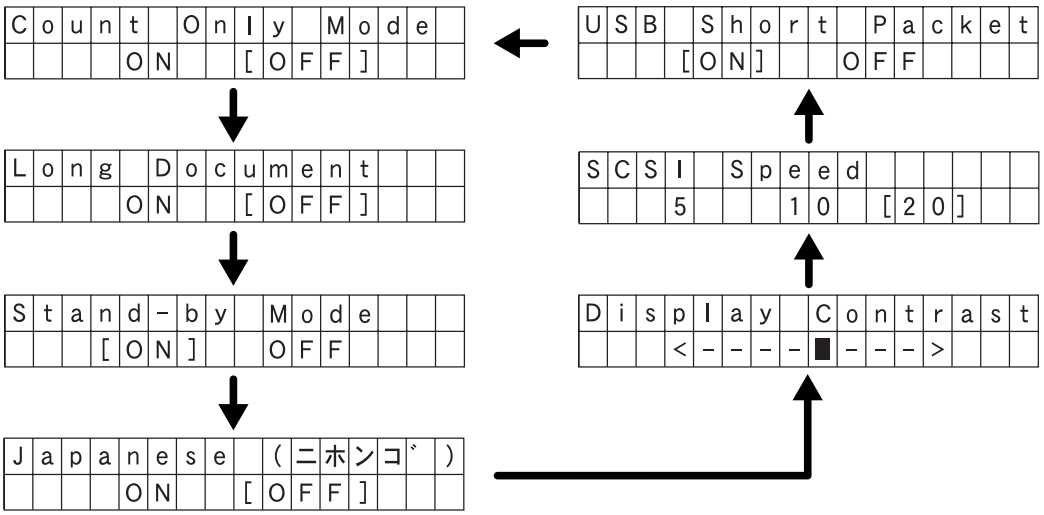
- Never touch the cables on the left side of the back panel. Disconnection of cables can cause a malfunction of the scanner.
- Take care to ensure that the vents never become blocked. Blocked vents can lead to heat build-up inside the scanner and create the risk of fire.

Operation Panel



① Menu Key

Press this key to cycle the display through the various user modes, as shown below. (See “About the User Modes,” on p. 66.)



② Set Keys

Use these keys to change the setting of the currently displayed user mode. (See p. 68.)

③ Enter Key

Press this key to register the currently displayed user mode setting. (See p. 68.)

④ Display Panel

Displays the number of scanned pages, error codes, etc.

⑤ Job Keys

Use these keys to scroll through registered job numbers (01 through 99) on the display panel. (See “Job Function,” on p. 20.) Pressing the [Start] key while a job number is displayed starts scanning of the document and forwards the scanned image to the registered job.

⑥ New File Key

This key is active for applications that support batch separation. This key lights when pressed or in accordance with the application's batch separation settings. Scanning the next document while this key is lit causes the scanned image to be stored in a different file or folder than the previously scanned document.

⑦ **Start Key**
The Start key lamp lights when the key is enabled by the Count Only Mode or the application's settings. Pressing the [Start] key while its lamp is lit causes scanning to start.

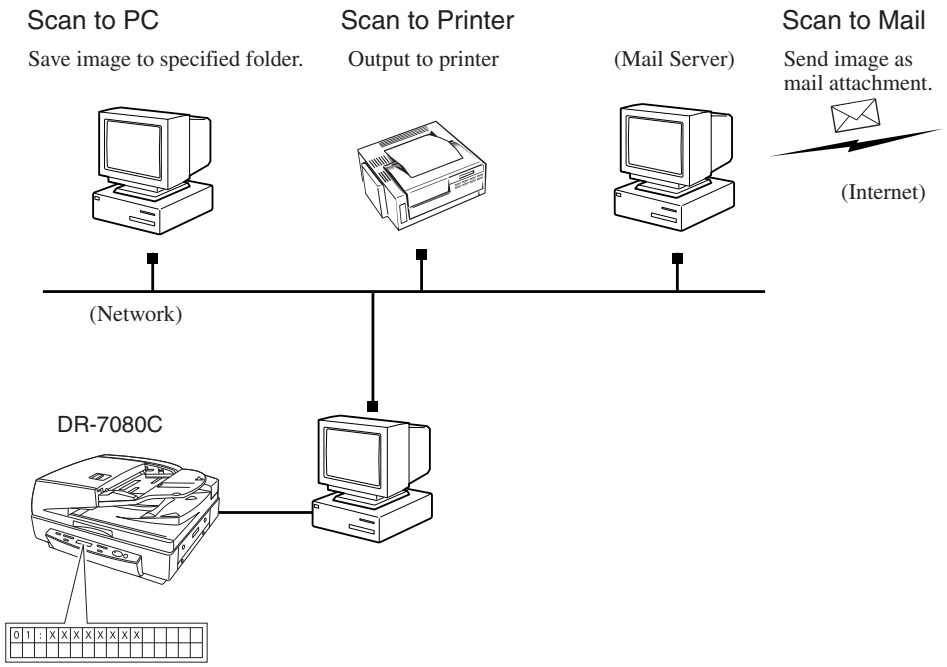
⑧ **Stop Key**
Pressing this key stops an ongoing scanning operation. This key is also used to cancel a mode setting and clear an error indicator from the counter display area.

1.4 Job Function

The DR-7080C comes with a “Job function” that makes it possible to perform scanning without starting a scanning application. The Job function lets you use the operation panel to perform scanning and forward image files to destinations in accordance with the currently selected job.

The Job function has the capabilities listed below, and jobs can be registered using Job Registration Tool. (See “How to Start the Job Registration Tool,” on p. 37.)
- Images can be saved to a shared folder or other specified folder (Scan to PC).
- Images can be sent as e-mail attachments (Scan to Mail).
- Images can be output to a specified printer (Scan to Printer).

For details about using the Job function, see “Using the Job Mode for Scanning,” on page 55.



Note

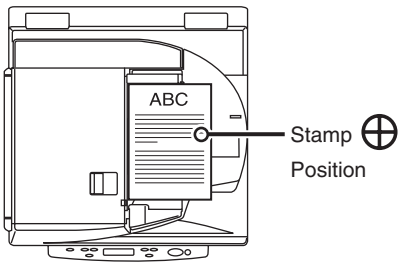
The Job function is not supported on a computer that is running Windows NT.

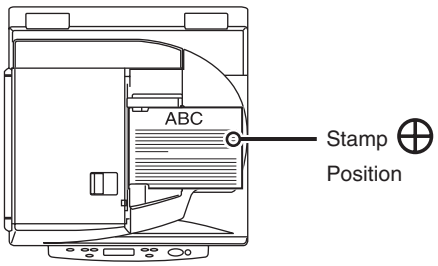
1.5 Optional Products

The following options can be purchased and used on the DR-7080C, if they are necessary. Contact your sales representative.

Stamp Unit

The stamp unit affixes a “scanned” stamp on document pages that are scanned using the feeder. The application can be used to turn stamping on or off.
The stamp is a circle that has a diameter of about 0.11" (3 mm), with a cross in the center. It is stamped on the scanned side of the document page, about 0.27" (7 mm) from the trailing edge of the document page.





Note

- The stamp pattern is fixed and cannot be changed.
- In the case of duplex scanning, both sides of the document page are stamped.
- The cross in the center of the stamp rotates during stamping.

Chapter 2

Connecting to a Computer

This chapter describes the procedure from scanner connection through to turning ON the power.

2.1 Checking Your Operating Environment 24
2.2 Connecting to a Computer 26
USB Connections 26
SCSI Connections 27
Connecting the Power Cord 30
2.3 Turning ON or OFF the Power 31
Turning ON the Power 31
Turning OFF the Power 32

Checking Your Operating Environment

Your computer system must meet the following conditions to use the DR-7080C.

- **One of the following operating systems:**
  - Microsoft Windows 98SE
  - Microsoft Windows Me
  - Microsoft Windows NT 4.0 Workstation SP6
  - Microsoft Windows 2000 Professional SP3 or later
  - Microsoft Windows XP SP1 or later
- **A computer that meets the following specifications:**
  - CPU: Intel Celeron 733 MHz or faster
  - Memory: 256 MB or more
  - Hard disk: 100 MB or more of free space
  - USB interface or SCSI board
  - Monitor: Resolution of 1024 x 768 (XGA) or better recommended.
- **USB interface connections vary according to the operating system as shown below.**
  - Microsoft Windows 98SE/ME: USB Full-Speed (equal to USB 1.1)
  - Microsoft Windows NT 4.0: Interface is not supported
  - Microsoft Windows 2000/XP: Hi-Speed USB 2.0/USB Full-Speed (equal to USB 1.1)
- **Use the following recommended SCSI cards with the scanner.**
  SCSI cards made by Adaptec (for PCI bus)
  - AHA-2930U
  - AHA-2940AU
  - ASC-19160
  - ASC-29160

  SCSI card made by Adaptec (for Card bus)
  - APA-1480
- **An ISIS-compatible application or a TWAIN-compatible application that is compatible with the above operating systems.**

Important

- The Job function is not supported on a computer that is running Windows NT. If you want to use the Job function, run the scanner with a computer running a supported operating system other than Windows NT.
- If you do not know the requirements for your computer system, contact the store where you purchased the computer or the manufacturer of the computer for more information.
- Do not connect both a USB interface and a SCSI card at the same time.
- Note the following points when using the USB interface.
  - Windows NT does not support USB interfaces. To use the scanner with a Windows NT operating system, use a SCSI expansion card.
  - Use the most recently available USB 2.0 driver provided by Microsoft. Contact your local authorized Canon dealer for more detailed information.
  - Not all USB interfaces provided as standard with personal computers are guaranteed. Contact your local authorized Canon dealer for more detailed information.
  - Scanning speeds are lower if your computer's standard USB interface is USB Full-Speed (equal to USB 1.1).
  - The USB cable you are using should be the one originally bundled with the scanner or a Hi-Speed USB 2.0 compatible cable.
- Note the following points when using a SCSI card.
  - Be sure to use the procedure in the manual for the SCSI card and the computer that you are using when installing a SCSI card in your computer.
  - The overall length of the SCSI cable you can use is determined by the SCSI standards. Refer to the manual for the SCSI card you are using for more information.
- If the CPU, memory, interface card, and other specifications do not satisfy the installation requirements, the scanning speed may be greatly reduced and transmission may take a long time.
- Even if the computer satisfies the recommended specifications, the scanning speed may vary, depending on the scan settings.
- The ISIS/TWAIN Drivers provided with the scanner do not necessarily operate on all ISIS- or TWAIN-compatible applications. For details, contact your application software retailer.

2.2 Connecting to a Computer

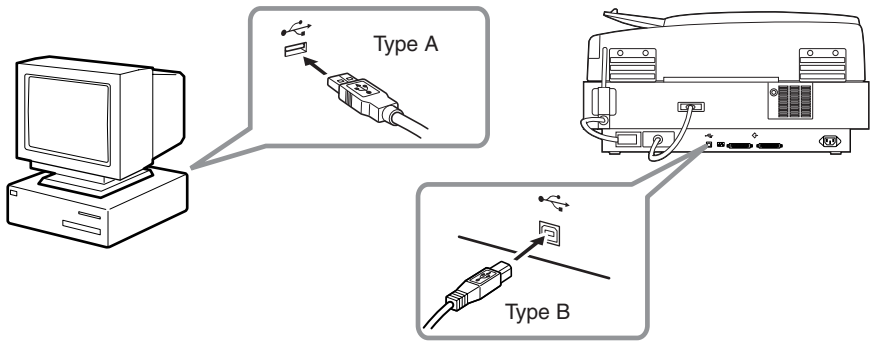
There are two ways to connect the scanner to your computer, SCSI or USB. Use the method that is compatible with your computer system.

CAUTION

- Do not turn OFF the scanner or remove any interface cables when an application is running.
- Do not connect both SCSI and USB interface cables at the same time.
- Turn OFF the computer and the scanner before changing the cable format.

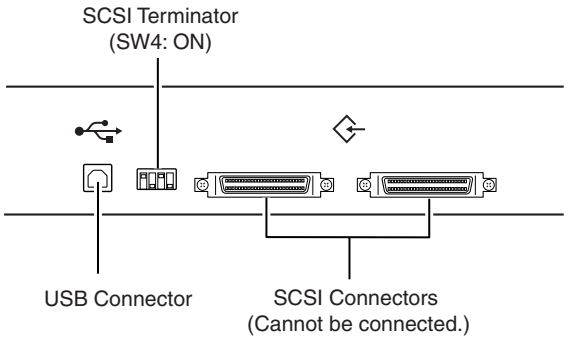
USB Connections

Connect the scanner to the computer with the USB interface cable included in the package.
Make sure that the side of the plug with the USB logo is facing up when plugging in the USB cable to the USB connector.



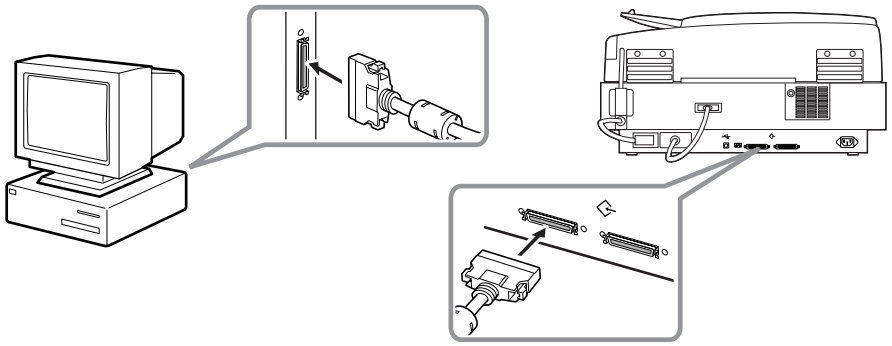
CAUTION

- Do not connect both a SCSI cable and USB cable at the same time.
- When using the scanner via the USB interface, set the SCSI terminator switch on the scanner to ON. Scanning may not be performed properly if the SCSI terminator switch on the scanner is set to OFF.



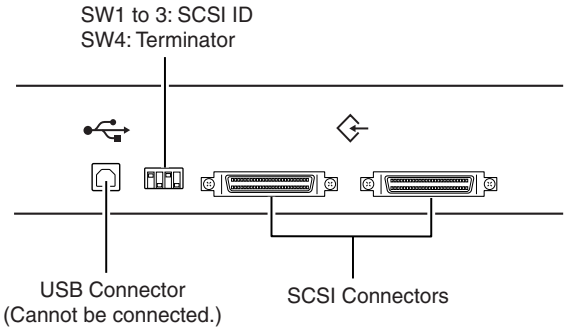
SCSI Connections

Connect the scanner to the computer with a SCSI cable.
There are two SCSI connectors. Insert the SCSI cable from the computer into one of the connectors, making sure the plug is facing the correct side to match the shape of the connector.
To connect other SCSI devices in a daisy chain, connect the cable from the other device to the other SCSI connector of the scanner.



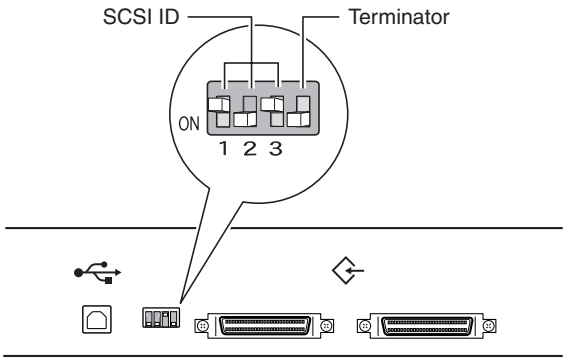
CAUTION

- Before you connect the SCSI cable, make sure that the scanner and the computer are turned OFF.
- Do not connect both SCSI and USB interface cables at the same time.
- When connecting other SCSI devices in a daisy chain, take note of the following.
  - When changing the settings, turn the scanner OFF.
  - Assign unique SCSI IDs to each SCSI device.
  - Set the terminator on the SCSI device at the end of the chain to ON. Set the terminator on all other SCSI devices in the chain to OFF.



◆ Setting the SCSI ID and Terminator

Set the SCSI ID and the terminator on the DIP switches located between the SCSI connectors and the USB connector.
Move the DIP switch up to turn it OFF and move it down to turn it ON.



SCSI ID	SW1	SW2	SW3
0	OFF	OFF	OFF
1	ON	OFF	OFF
2	OFF	ON	OFF
3	ON	ON	OFF
4	OFF	OFF	ON
5	ON	OFF	ON
6	OFF	ON	ON
7	ON	ON	ON

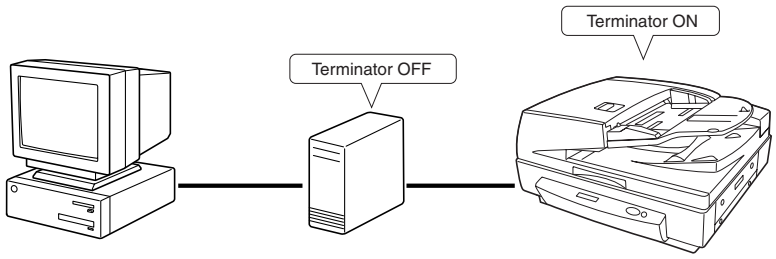
Set the SCSI ID referring to the table above.
Set unique SCSI IDs to any other built-in SCSI devices or SCSI devices connected to the computer.

Important

- The SCSI ID default is set to 2.
- Assign SCSI ID numbers ranging from 0 to 7 for each SCSI device. Do not select 7 as this is normally assigned to the SCSI controller. If a SCSI hard disk is mounted, do not use 0 and 1. Normally 0 and 1 are assigned for hard disks.

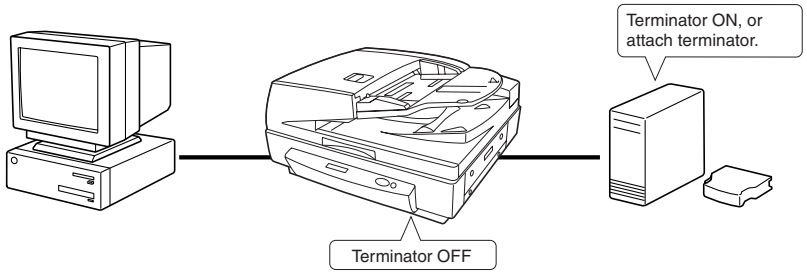
Set the terminator on the last SCSI device on a daisy chain to ON.

<When only the scanner is connected to your computer, or when another SCSI device is connected on a daisy chain and the scanner is the last SCSI device on the end of the daisy chain>
Set the terminator switch on the scanner to ON.
In such a connection, be sure to set the terminator on all other SCSI devices to OFF.



<When another SCSI device is connected as the last device of the daisy chain>

Set the terminator switch on the scanner to OFF.
In such a connection, set the terminator on the SCSI device connected as the end device to ON.

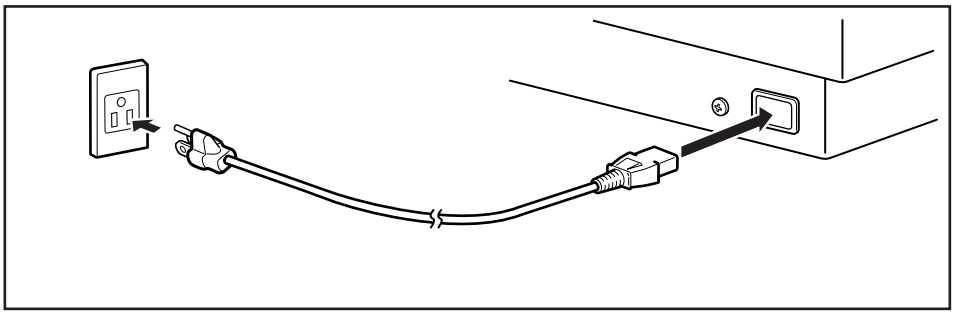


CAUTION

Be sure to set the DIP switch or use a terminator plug if this scanner is installed as the last piece of equipment in a daisy chain. Note that if you use a terminator plug and the DIP switch is set to ON, the scanner may malfunction.

Connecting the Power Cord

Connect the power cord.
Be sure to use only the power cord provided with the scanner.



WARNING

When connecting the power cord, follow these precautions. Failure to do so might cause a fire or electrical shock.

- Never grasp the plug when your hands are wet.
- Never plug the scanner into a multiplug power strip.
- Never bundle or tie the power cord around itself or another object. Connect the plug securely to the power source.
- Use only the power cord and plug provided with the scanner.
- Before you connect the power cord, be sure to turn OFF the power.
- Be sure to connect to an AC 220-240 V (50/60 Hz) or AC 120 V (60 Hz) power supply, according to your region's requirement.
- Do not plug the scanner into an outlet shared with another device. If you use an extension cord, pay attention to the total amperage of the cord.

2.3 Turning ON or OFF the Power

Follow the procedures below to turn ON or OFF the scanner power.

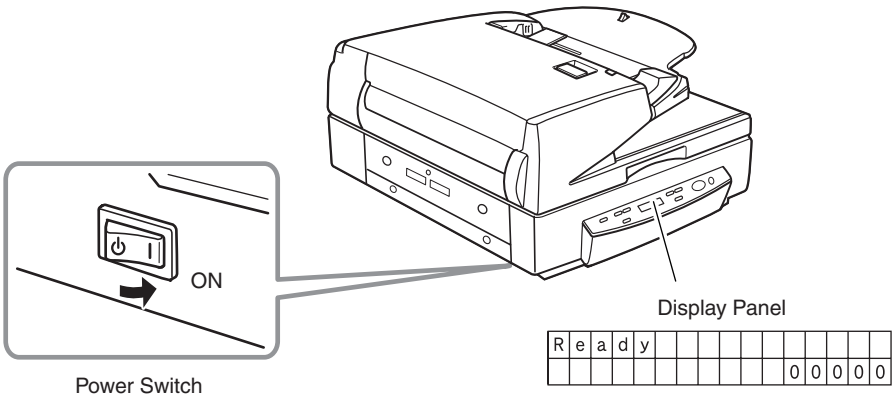
Turning ON the Power

Important

Be sure to turn ON the power of all connected SCSI devices before you turn ON the computer.

1 To turn ON the scanner, press the power switch.

⇨ Turning ON the scanner causes the display panel to appear as shown below.



WARNING

If you hear a strange sound, detect smoke or abnormal heat, sense vibration, or smell odd odors around the scanner, turn OFF the power immediately and disconnect the power cord from the power outlet. Contact your service representative immediately. Failure to do so might cause a fire.

2 Turn ON the computer.

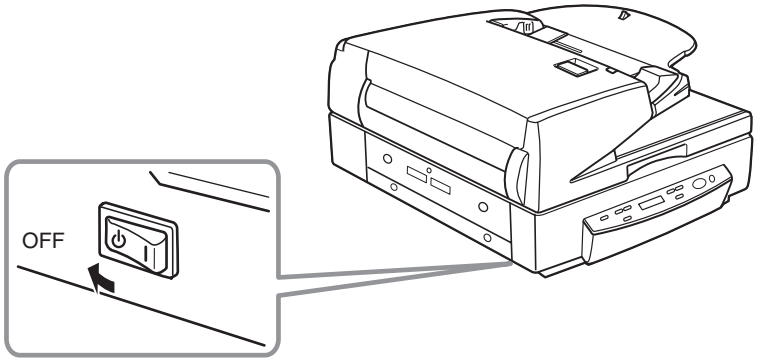
Turning OFF the Power

Important

If you are using a SCSI connection, turn OFF the computer first, before turning OFF the scanner.

1 Turn OFF the computer.

2 To turn OFF the scanner, press the power switch.



Power Switch

CAUTION

- Wait at least 10 seconds before turning ON the scanner again.
- For your safety, disconnect the power plug from the power outlet if you are not using the scanner for a long time.

Chapter 3

Using the Software

This chapter describes how to use the ISIS/ TWAIN driver, CapturePerfect, and Job Registration Tool that come packaged with the scanner.

3.1 About the Software 34
3.2 How to Use the Software 35
How to Display the ISIS/TWAIN Driver Help File ... 35
How to Start CapturePerfect 36
How to Start the Job Registration Tool 37
3.3 Uninstalling the Software 39

About the Software

The following software applications are provided on the setup disc that is packaged with the scanner. Be sure to open and read the Readme.txt file on the setup disc before installing the software.

- **ISIS/TWAIN driver**
  This driver allows the scanner to use ISIS (Image and Scanner Interface Specification) compatible applications or TWAIN (Tool Without An Interesting Name) compatible applications to scan documents. Be sure to install the ISIS/TWAIN driver to use this scanner.

- **CapturePerfect**
  This is a TWAIN compatible application for scanning images. Install it if necessary.

- **Job Registration Tool**
  Job Registration Tool is a TWAIN-compliant application for registering the jobs used by the Job function. Note, however, that the Job function is not supported on a computer that is running Windows NT. If you want to use the Job function, run the scanner with a computer running a supported operating system other than Windows NT. (See “Job Function,” on p. 20.)

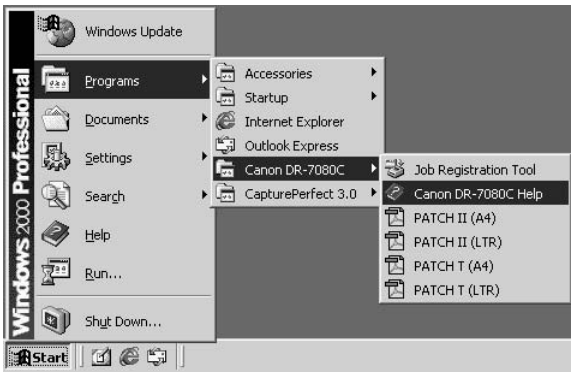
- CapturePerfect and the Job Registration Tool use the TWAIN Driver. Be sure to install the ISIS/TWAIN Driver before you install CapturePerfect or the Job Registration Tool.
- The ISIS/TWAIN driver provided with the scanner does not necessarily operate all ISIS compatible applications or all TWAIN compatible applications. Contact your sales representative for further information.
- Some functions mentioned in this manual may not operate in some applications.

3.2 How to Use the Software

This section describes how to use CapturePerfect 3.0 and Job Registration Tool for scanning.
Read the “ISIS/TWAIN Driver HELP” for information on using the ISIS/TWAIN driver.

How to Display the ISIS/TWAIN Driver Help File

The explanation on how to use the ISIS/TWAIN driver is in the ISIS/TWAIN driver help file. To view the help file, click the [Start] button, and then click [Programs] - [Canon DR-7080C] - [Canon DR-7080C Help].

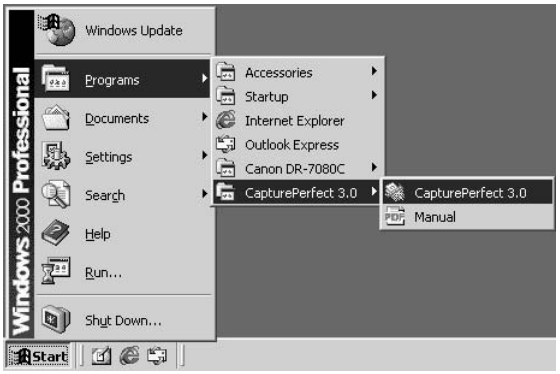


How to Start CapturePerfect

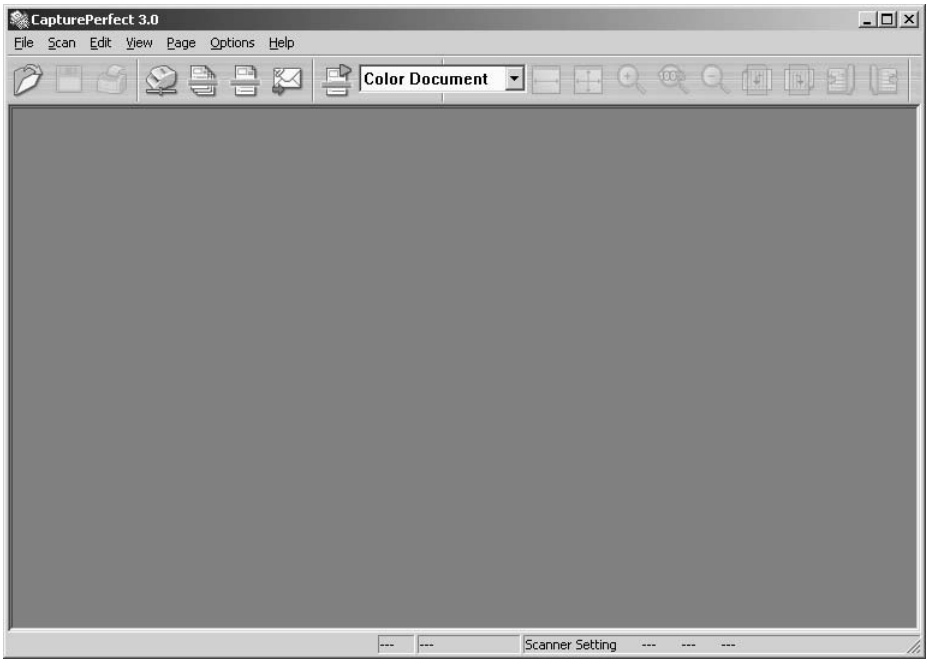
This section describes the procedure to start and exit CapturePerfect 3.0. See the CapturePerfect 3.0 Operation Guide for information on how to use CapturePerfect 3.0.

1 Click the [Start] button, and then click [Programs] - [CapturePerfect 3.0] - [CapturePerfect 3.0].

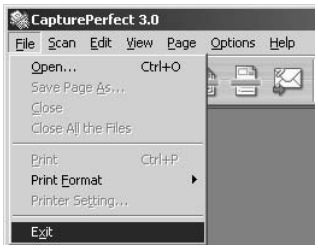
Click [All Programs] - [CapturePerfect 3.0] - [CapturePerfect 3.0] if your OS is Windows XP.



2 This starts CapturePerfect 3.0.



3 Select [Exit] from the [File] menu.



How to Start the Job Registration Tool

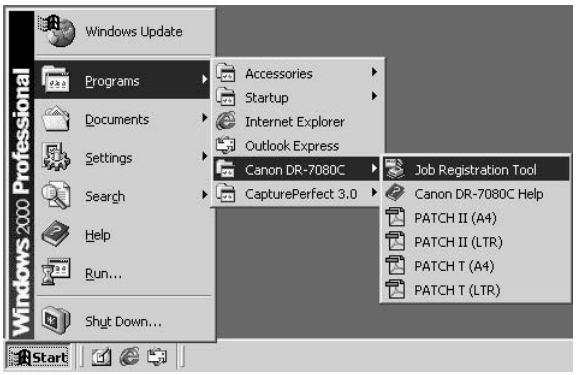
This section describes the procedure to start and end the Job Registration Tool. See [Help] in the Job Registration Tool for information on how to use the Job Registration Tool. Alternatively, for information on scanning procedures using the Job function, see "Using the Job Mode for Scanning," on p. 55.

Important

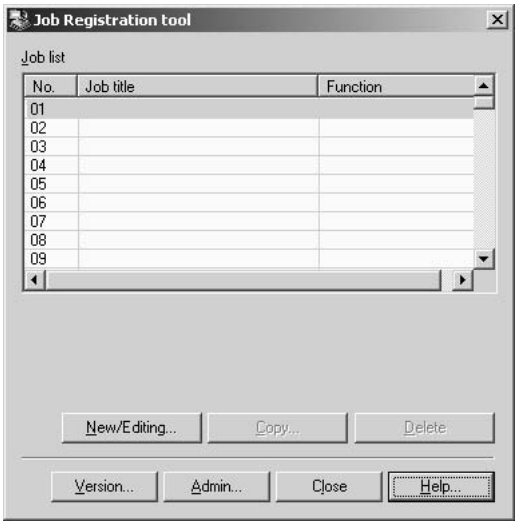
- If you are using Windows 2000 or Windows XP, be sure to log on as an Administrator.
- The Job function is not supported on a computer that is running Windows NT. If you want to use the Job function, run the scanner with a computer running a supported operating system other than Windows NT.

1 Click the [Start] button, and then click [Programs] - [Canon DR-7080C] - [Job Registration Tool].

In the case of Windows XP, click [All Programs] - [DR-7080C] -[Job Registration Tool].



2 This starts Job Registration Tool.



Note

- See the Job Registration Tool help file for information about how to use the Job Registration Tool. To view the help file, click the [Help] button.
- The last page of this manual is “Job Title Record.” Use it to record the titles of jobs that you register with the Job Registration Tool.

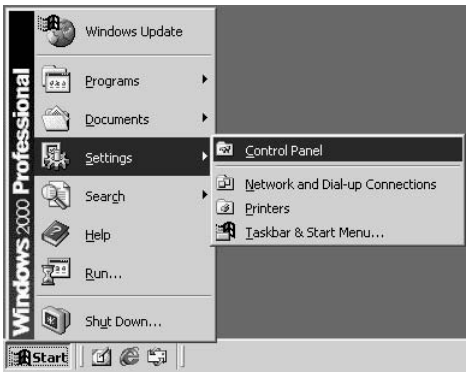
3.3 Uninstalling the Software

This section explains how to uninstall the software.

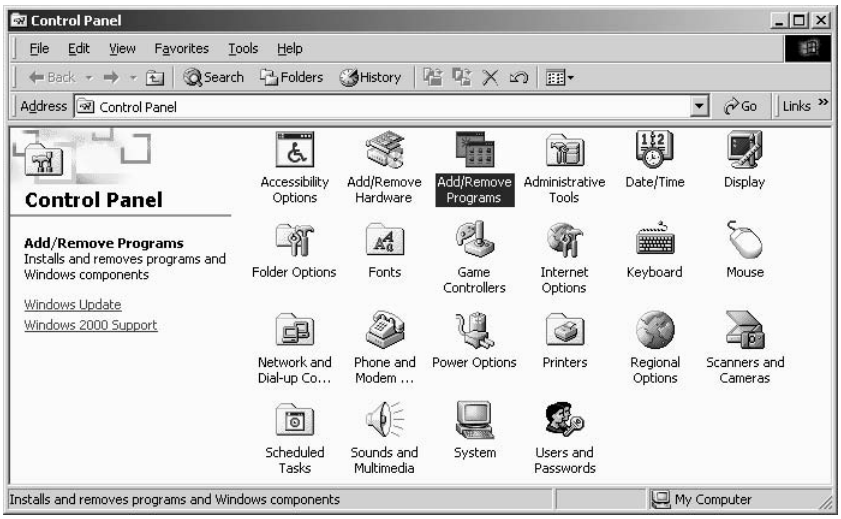
Important

- Be sure to log on as an administrator if your system is Windows NT 4.0 Workstation, Windows 2000 Professional, or Windows XP.
- The dialogs and button names in Windows XP are different from those used in the explanations in this manual. Refer to the Windows XP “Help and Support Center” to uninstall the software.

1 Click the [Start] button, and then click [Settings] - [Control Panel].

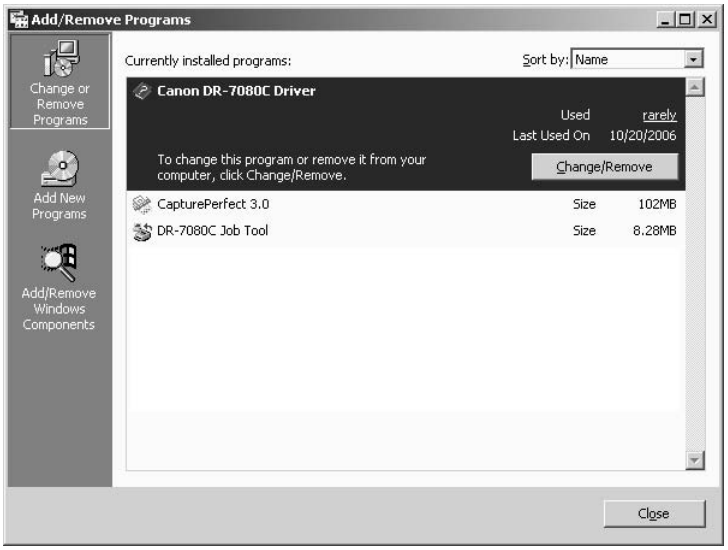


2 Double click on the [Add/Remove Programs] icon.

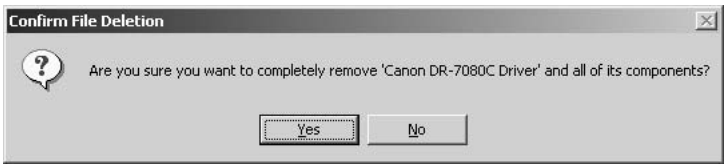


The [Add/Remove Programs] dialog box appears.

3 From the list of programs, select the name of the application you want to remove, and then click the [Change/Remove] button.



4 This displays a [Confirm File Deletion] dialog box for the application you are removing.



If you selected “Canon DR-7080C Driver,” the above dialog box appears.

5 Click the [Yes] button, and the uninstaller starts.

Follow the instructions on the screen to finish uninstalling the software.

Chapter 4

Using the Scanner

This chapter describes precautions regarding documents that can be handled on this scanner and scanning operations.

4.1 Documents 42
Types of Documents 42
Feeder Capacity 43
4.2 Placing Documents onto the Scanner 44
Loading a Document into the Feeder 44
Positioning a Document on the Flatbed (Platen Glass) 47
4.3 Document Feeding and Scanning 50
Scan Procedure 50
4.4 Other Scanning Techniques 55
Using the Job Mode for Scanning 55
Using the Count Only Mode 59
Using Patch Code Sheets 60

4.1 Documents

This section describes the various types of documents that can be scanned with the feeder.

CAUTION

Handle documents with care. Improper handling of paper can cause paper cuts or other personal injury.

Types of Documents

The following are the dimensions of the documents that can be fed by the feeder:

Width: 55" to 12" (139.7 mm to 304.8 mm)
Length: 5" to 17" (128 mm to 432 mm) (Normal Mode)
5" to 24" (128 mm to 630 mm) (Long Document Mode)
5" to 21" (128 mm to 540 mm) (Long Document Mode/Color 600 dpi Mode)

Document Thickness
- Black-and-white Documents
  - Simplex: 0.002" to 0.006"/0.06 mm to 0.15 mm
  - Duplex: 0.002" to 0.006"/0.07 mm to 0.15 mm
  - Black-and-white/Color Documents Mixed: 0.002" to 0.006"/0.07 mm to 0.15 mm
- Color Documents
  - 0.003" to 0.006"/0.08 mm to 0.15 mm

Document Weight
- Black-and-white Documents
  - Simplex: 11 to 32 lb bond/42 to 128 g/m^2
  - Duplex: 13 to 32 lb bond/50 to 128 g/m^2
- Black-and-white/Color Documents Mixed
  - 13 to 32 lb bond/50 to 128 g/m^2
- Color Documents
  - 17 to 32 lb bond/64 to 128 g/m^2

Follow these guidelines when you prepare a document for scanning:
- When scanning long documents, turn the Long Document Mode "ON" in the user mode. (See "About the User Modes," on p. 66)
- Before scanning documents that contain pasted artwork, make sure that the ink or paste on the pages is thoroughly dry. If the documents are scanned with the ink or paste still wet, the scanner may malfunction.
- If you scan a document written in pencil, the letters may not scan properly or the pencil may rub off onto the rollers and stain subsequent documents. Before you scan this kind of document, make a copy and then scan the copy. After scanning a document written in pencil or some other soft writing material, be sure to clean the scanning rollers. (See "Cleaning the Feeder," on p. 90.)
- If you scan thin paper in the Duplex mode, the ink printed on the back side may be scanned. In this case, adjust the scanning density.

- If you scan documents with a rough surface, friction between the documents may cause a paper jam. In this case, select [Flatbed], and then scan the documents one page at a time.
- When you scan a batch of NCR documents, make sure that they are not stuck together. If a jam occurs, change the scanning side setting to "Flatbed," and then scan the document one page at a time.
- To avoid paper jams, damage to documents, and a scanner malfunction, do not feed the following types of paper. For such documents, scan one page at a time from the flatbed (platen glass).

Wrinkled or creased paper

Carbon-backed paper

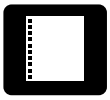
Curled paper

Coated paper

Torn paper

Extremely thin paper

Paper with clips or staples


Paper with binding holes

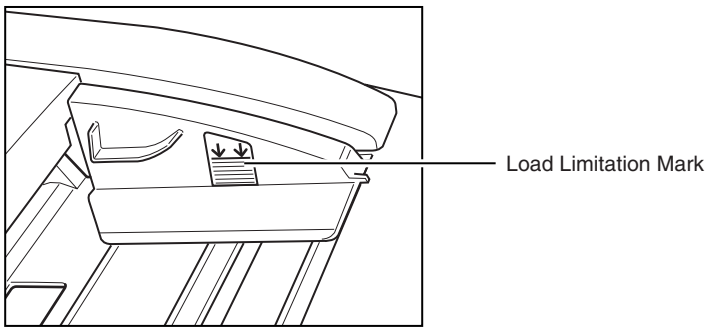
Note

- Note that mixing documents of different thicknesses and sizes may cause a malfunction during feeding.
- Documents containing text or pictures within 0.2" (5 mm) of its edges or documents with a color background may cause erroneous skew detection or automatic size detection.

Feeder Capacity

Note the following rules when loading a document into the feeder.

- Make sure the top of the document stack is not higher than the load limitation mark. Overloading the feeder can cause jamming.
- The feeder is designed to hold approximately 100 sheets of LTR/A4-size standard copy paper (20 lb bond or 80 g/m^2).



4.2 Placing Documents onto the Scanner

This section describes how to load documents into the feeder and how to position a document page on the flatbed (platen glass) for scanning.

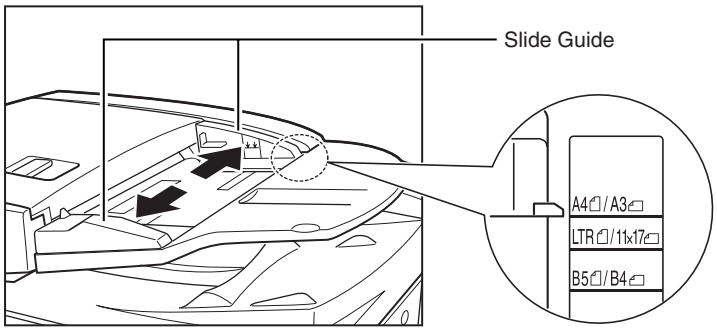
CAUTION

Handle documents with care. Improper handling of paper can cause paper cuts or other personal injury.

Loading a Document into the Feeder

Perform the following steps to load the pages of a document into the feeder for scanning.

1 Adjust each slide guide so its pointer is aligned with the corresponding paper size on the document size label.

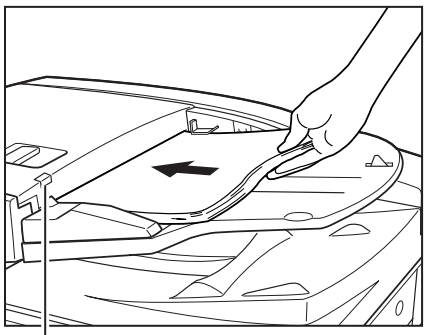


Important

Use both hands to adjust both the left and right slide guides. Adjusting only one slide guide can lead to a malfunction.

2 Align the edges of the document stack on a flat surface, and then load the stack into the feeder with the scanning side facing upwards.

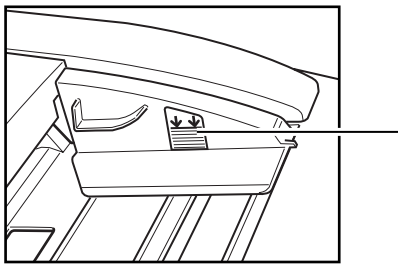
Insert the stack into the feeder as far as it will go, until the document set indicator lights.



Document Set Indicator

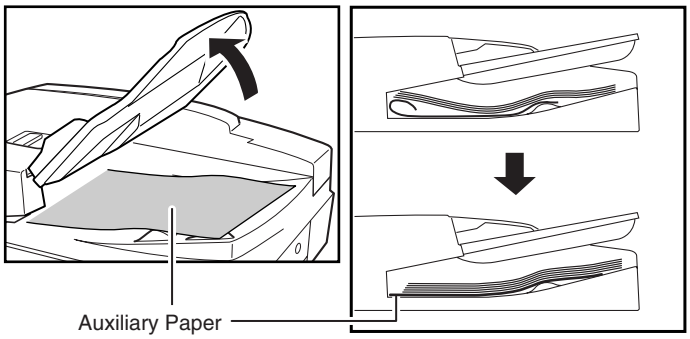
Important

- Make sure the top of the document stack is not higher than the load limitation mark. Overloading the feeder can cause jamming.
- The feeder is designed to hold approximately 100 sheets of LTR/A4-size standard copy paper (20 lb bond or 80g/m^2).



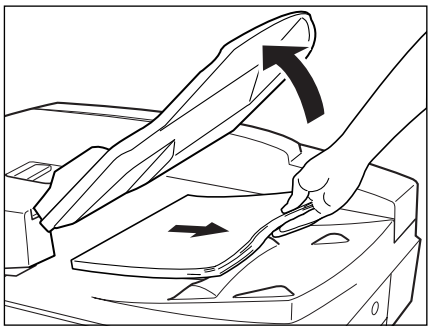
Load Limitation Mark

- When scanning NCR paper that is 11" x 17"/A3 or other large sizes, as well as paper that is very thin, the document may occasionally get caught in the paper eject mechanism. In this case, place some paper (auxiliary paper) in the document eject tray before scanning the document.



Auxiliary Paper

3 After scanning is complete, lift the document feeder tray, and then remove the document from the document eject tray.



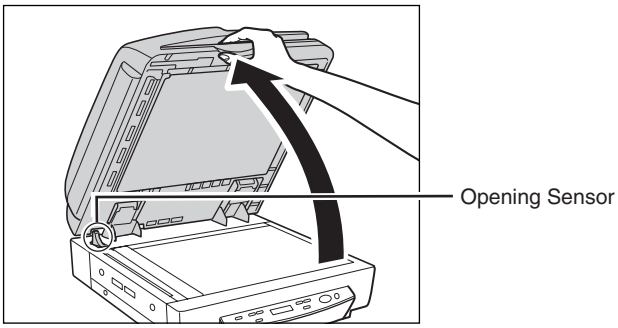
Important

- Leaving a document in the document eject tray and scanning another document can cause jamming.
- Raise the document feeder tray only as much as you need to remove the ejected document pages. Trying to forcibly raise the document feeder tray can cause a malfunction.

Positioning a Document on the Flatbed (Platen Glass)

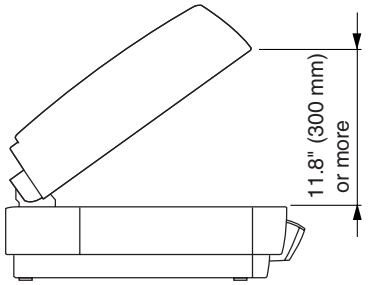
Use the following procedure to scan on the flatbed (platen glass) when scanning a book, thick document, very thin document, an OHP (Overhead Transparency) transparency, or any other document that cannot be scanned using the feeder.

1 Raise the feeder.



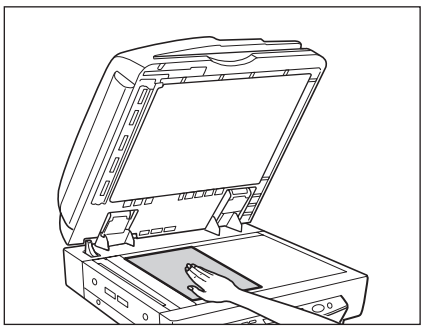
Important

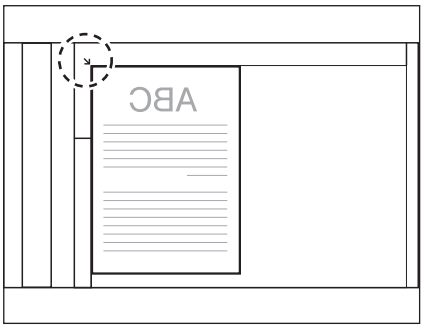
- Lower the feeder slowly, taking care to avoid pinching your fingers. Failure to do so might result in personal injury.
- When scanning on the flatbed (platen glass), raise the feeder at least 11.8" (300 mm) until the opening sensor unit is disengaged.



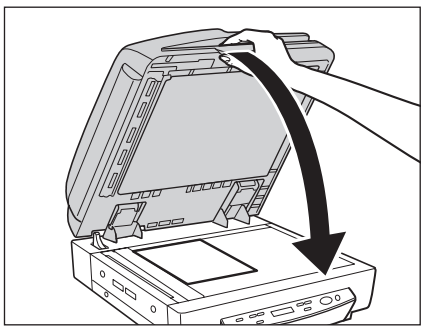
2 Place the document onto the flatbed (platen glass) with the scanning side facing downwards.

With the scanning side of the document facing downwards, align its corner with the arrow mark in the upper left corner of the flatbed (platen glass).





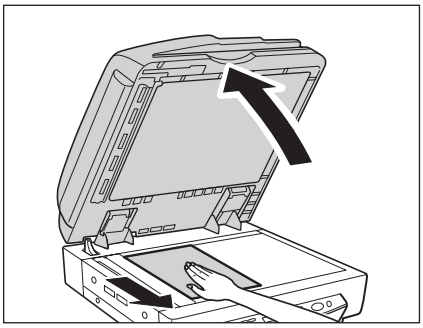
3 Slowly and carefully lower the feeder back down.



CAUTION

- Lower the feeder slowly, taking care to avoid pinching your fingers. Failure to do so might result in personal injury.
- When scanning a thick book or similar item on the flatbed (platen glass), avoid pressing down hard on the feeder. Doing so might damage the glass and create the risk of malfunction or personal injury.

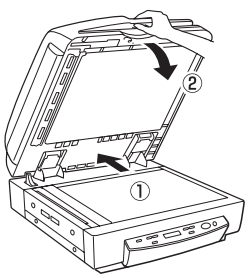
4 Raise the feeder and remove the document from the flatbed (platen glass).

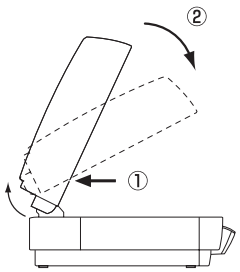


Important

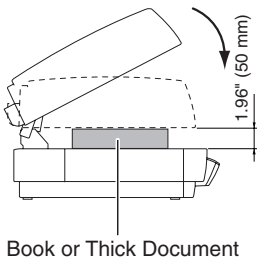
- Raise the feeder carefully and slowly, taking care to avoid letting the feeder fall over backwards.
- Leave the feeder raised when scanning thick documents like books, or operate the feeder as shown in the procedure below.

1. Raise the feeder.
2. While pressing on the bottom of the feeder ①, pull the feeder down and forward ②.

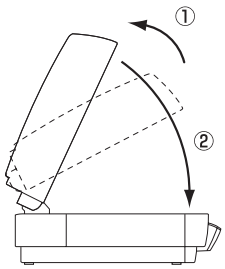




3. Set the thick document or book on the flatbed (platen glass) and hold the feeder lightly while scanning.



4. To return the feeder to its original position, raise it all the way ①, then close it carefully and slowly. ②



4.3 Document Feeding and Scanning

This section describes the various different document feeding modes that are available, and the basic steps to use each mode for scanning.

CAUTION

- Avoid wearing loose fitting clothing, dangling jewelry, long ties, or even long hair that could become entangled with moving parts, especially the rollers that feed the paper. If such objects become entangled, immediately disconnect the power plug from the power outlet to stop the scanner.
- Check the stack and remove all clips, staples, pins, or any other type of metal or plastic fastener. They may damage the document, cause a paper jam, or scanner malfunction.
- Do not open the feeder cover during scanning. This could damage the document, cause document jams, or damage the scanner.

Scan Procedure

The ISIS/TWAIN driver “Feeding Option” setting allows you to select from among the three feeding modes described below. The procedure you should use depends on the currently selected feeding mode.

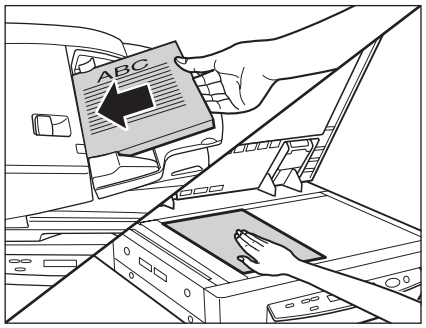
- **Standard Feeding (See p. 51.)**
  With this mode, you start and stop scanning from an application on your computer. After placing the document onto the scanner, instruct the scanner from your computer to start scanning.
- **Panel Feeding (See p. 52.)**
  Panel feeding comes in handy when using the feeder for continuous scanning, for scanning page-by-page from a book, etc. After placing the document page onto the scanner, press the scanner’s [Start] key to start scanning.
  When scanning is complete, place the next document page onto the scanner, and then press the [Start] key again.
- **Automatic Feeding (See p. 53.)**
  Use this mode for scanning a stack of document pages with the feeder. The scanner will start scanning automatically when it detects a document in the document feeder tray. Scanning stops when the document feeder tray is empty. Loading the next document into the document feeder tray restarts scanning.

◆ Standard Feeding

To use the standard feeding mode, instruct the scanner to start from the application.

1 Select [Standard Feeding] in [Feeding Option] on the ISIS/TWAIN driver's settings screen.

2 Place the document onto the scanner.



Important

See "Placing Documents onto the Scanner," on page 44 for information about placing documents onto the scanner.

3 From the application you are using, execute the required command to start scanning.

⇨ This starts scanning.

4 When scanning of the document is complete, the application goes into the Ready Mode.

Note

If paper feeding stops during scanning due to a system error or paper jam, make sure that the last page of the document was recorded properly before continuing to scan.

5 If you want to scan another document, place it onto the scanner, and then execute the required command from the application to resume scanning. To finish scanning, execute the required command from the application.

Important

If you are using the feeder for scanning, be sure to remove ejected document pages from the document eject tray before scanning another document. Leaving a document in the document eject tray and scanning another document can cause a paper jam.

◆ Panel Feeding

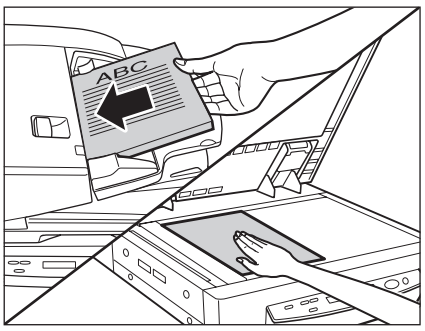
With panel feeding, you execute the scan command from your application, and then use the scanner's [Start] and [Stop] keys to control the scanning operation.

1 Select [Panel-Feeding] in [Feeding Option] on the ISIS/TWAIN driver's settings screen.

2 From the application you are using, execute the required command to start scanning.

⇨ This causes the [Start] key lamp to light green.

3 Place the document onto the scanner.



Important

See "Placing Documents onto the Scanner," on page 44 for information about placing documents onto the scanner.

4 Press the [Start] key.

5 When scanning of the document is complete, the scanner goes into the Ready Mode.

Note

If paper feeding stops during scanning due to a system error or paper jam, make sure that the last page of the document was recorded properly before continuing to scan.

6 If you want to scan another document, place it onto the scanner, and then press the [Start] key again to resume scanning. To finish scanning, press the [Stop] key.

Important

If you are using the feeder for scanning, be sure to remove ejected document pages from the document eject tray before scanning another document. Leaving a document in the document eject tray and scanning another document can cause a paper jam.

◆ Automatic Feeding

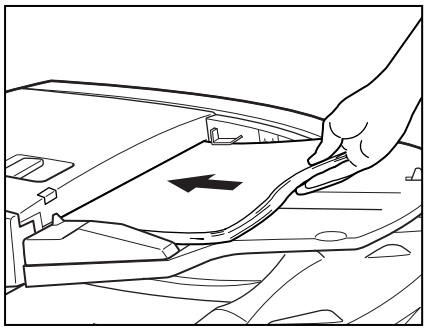
Automatic feeding can be used when feeding a document from the feeder. After you execute the scan start command from the application, the scanner starts scanning automatically whenever it detects a document loaded into the feeder.

1 Select [Automatic Feeding] in [Feeding Option] on the ISIS/TWAIN driver's settings screen.

2 From your application, execute the command to start scanning.

⇨ This causes the [Start] key lamp to light green.

3 Load the document into the document feeder tray.



⇨ The scanner detects the documents, and scanning starts.

Important

See “Placing Documents onto the Scanner,” on page 44 for information about placing documents onto the scanner.

4 When scanning of the document is complete, the scanner goes into the Ready Mode.

5 Raise the document feeder tray to remove the ejected document pages.

Important

Be sure to remove ejected document pages from the document eject tray before scanning another document. Leaving a document in the document eject tray and scanning another document can cause a paper jam.

6 Loading another document into the document feeder tray causes scanning to start automatically. After you finish scanning, press the [Stop] key.

4.4 Other Scanning Techniques

This section describes how to scan using the Job Mode and how to use the Count Only Mode to count the number of document pages. It also includes information about how to use the patch code sheet to perform automatic batch separation.

Using the Job Mode for Scanning

Important

The Job function is not supported on a computer that is running Windows NT. If you want to use the Job function, run the scanner with a computer running a supported operating system other than Windows NT.

1 Set the Event function.

(See "Setting the Event Function," on p. 56.)

2 Use Job Registration Tool to register a job.

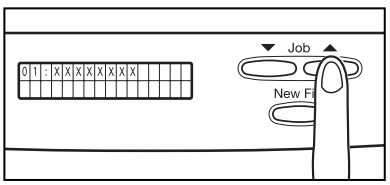
(See “How to Start the Job Registration Tool,” on p. 37.)

Note

See [Help] in the Job Registration Tool for information on how to register jobs with the Job Registration Tool.

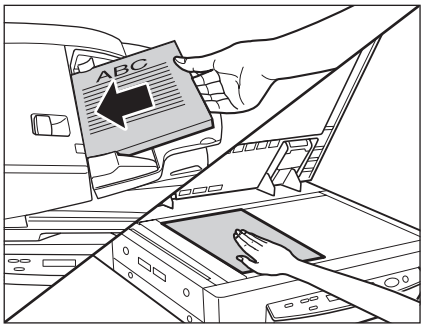
3 Press the Job [▲] key to enter the Job Mode.

⇨ This causes the job number screen to appear on the display panel.



4 Use the Job [▲] and [▼] keys to select the number of the job (01 through 99) you want.

5 Place the document onto the scanner.



Important

See “Placing Documents onto the Scanner,” on page 44 for information about placing documents onto the scanner.

6 Press the [Start] key.

➪ The image file is forwarded in accordance with the selected job.

7 When scanning of the document is complete, press the [Stop] key to exit the Job Mode.

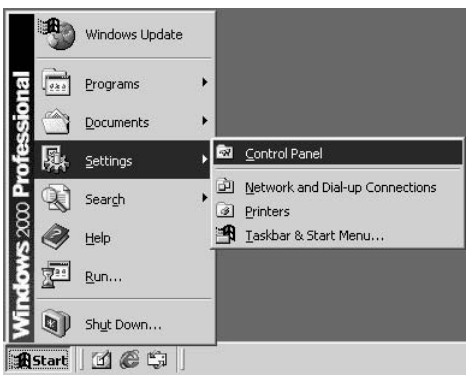
Note

If you cannot get the Job Mode to operate correctly, see “Troubleshooting,” on page 82.

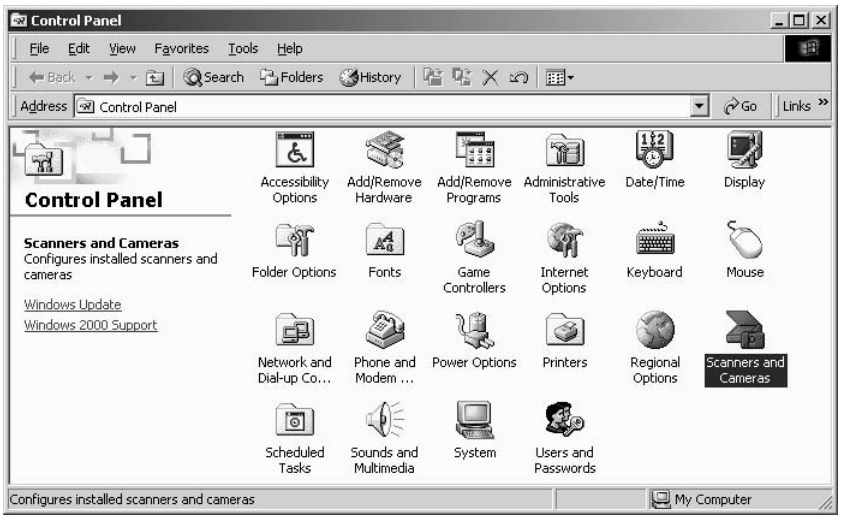
◆ Setting the Event Function

The Job function does not function when [DR7080C Job Tool] has not been specified in the scanner's Event function. Before using the Job function, set the scanner's event according to the following procedure.

1 Click the [Start] button, then click [Settings] - [Control Panel].



2 Double click [Scanners and Cameras].



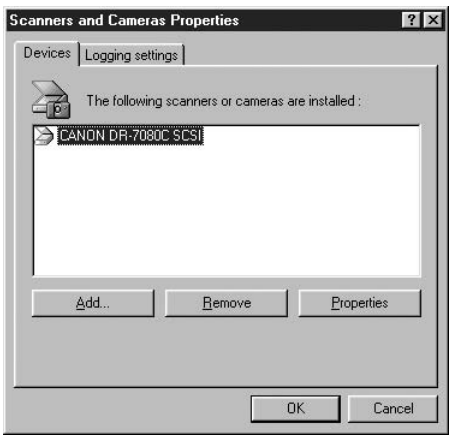
This displays the [Scanners and Cameras] dialog box.

Note

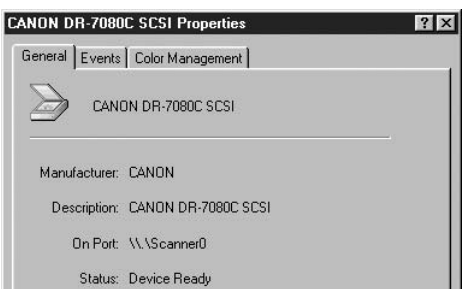
The dialog box that appears differs according to what version of Windows is running on the computer.

4

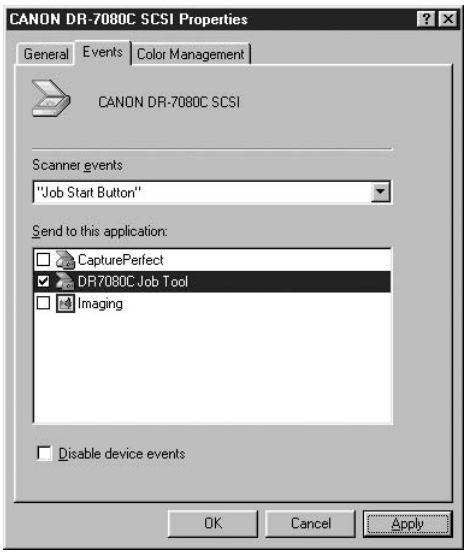
3 Select [Canon DR-7080C SCSI], and then click [Properties].



4 Click the [Events] tab.



5 Specify [Job Start Button] in the [Scanner events] field.



6 Uncheck all the items in the [Send to this application] field except for [DR7080C Job Tool].

7 Click the [Apply] button.

Important

You cannot use the Job function if the [Disable device events] check box is checked.

8 Click the [OK] button.

9 Restart Windows.

Using the Count Only Mode

In the Count Only Mode, document pages are sent through the feeder in order to count them. The document is not scanned. You can perform Count Only Mode operations on the scanner, without using your computer.

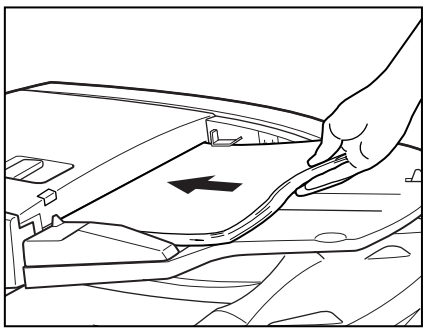
1 Use the user modes to enter the scanner's Count Only Mode.

(See “How to Set the User Modes,” on p. 68.)

C	o	u	n	t		O	n	l	y		M	o	d	e	
											0	0	0	0	0

⇨ This causes the Start key lamp to light green.

2 Load the document into the feeder, and then press the [Start] key.



⇨ This sends the pages of the document through the feeder and counts them.

3 After all of the document pages are fed, exit the Count Only Mode.

(See “How to Set the User Modes,” on p. 68.)

To clear the page count from the display panel, hold down the [Stop] key for approximately two seconds.

Using Patch Code Sheets

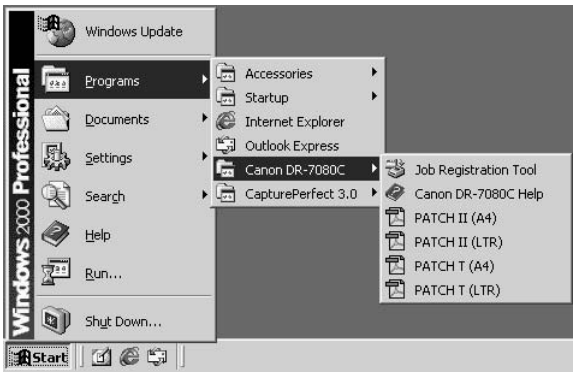
Patch code sheets are sheets of paper on which a special pattern is printed so that files can be separated without stopping the scanning operation. The scanner can recognize the pattern on these sheets, which allows files to be separated.

Note

- Refer to “ISIS/TWAIN Driver HELP” when using patch code sheets.
- Patch code sheets are enabled only when the application being used for scanning supports file separation.

◆ Patch Code Sheets

Patch code sheets are PDF (portable document format) data of which there are four types: [PATCH II (A4)], [PATCH II (LTR)], [PATCH T (A4)], and [PATCH T (LTR)]. Click the [Start] button in Windows, and then click [Programs] – [Canon DR-7080C] – [PATCH X(XX)], and use the document that is printed.



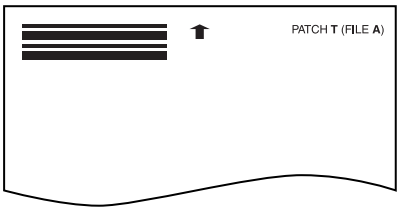
Note

You need CapturePerfect or an application that can open PDF (portable document format) files.

◆ Types of Patch Code Patterns

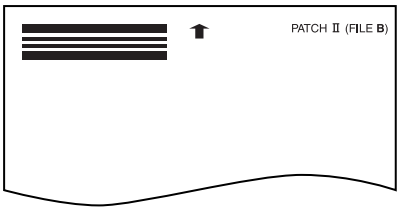
There are two patch code patterns as shown below. The result varies depending on the pattern.

● PATCH T (FILE A)



When this sheet is recognized, the document following the sheet is saved to a separate file.

● PATCH II (FILE B)



When this sheet is recognized, the file is separated after this sheet. This sheet is saved as an image, even if the patch code recognition setting is set not to save this sheet as an image.

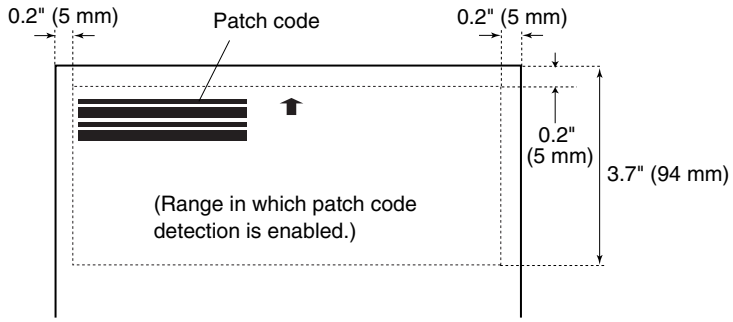
◆ How to Use Patch Code Sheets

1 Print the patch code sheet on the following paper size:

- Print [PATCH II (A4)] and [PATCH T (A4)] on A4-size paper.
- Print [PATCH II (LTR)] and [PATCH T (LTR)] on letter size paper.

Note

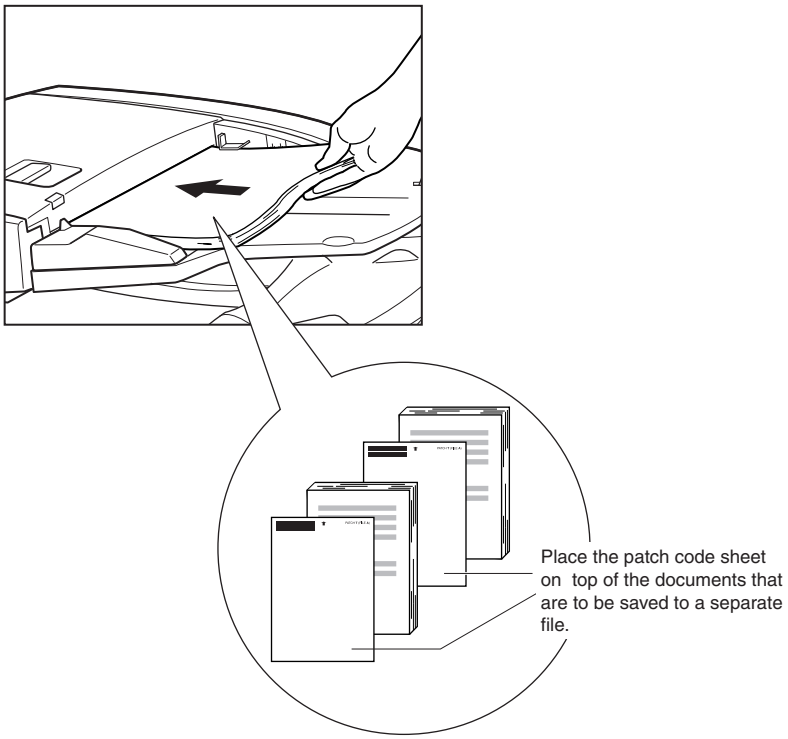
- Patch code patterns are detected within the enabled range shown below. When you make a copy of the patch code sheet, adjust the position of the image so that it appears in the range in which detection is enabled.



Units: inches (units in parentheses are millimeters)

- When copying the patch code sheets, use the same size paper and the same density as the original patch code sheet. If the copied sheet is not dense enough, or if it is too dense, the scanner may not be able to recognize it correctly.
- Be careful not to let the patch code sheet get dirty, particularly for the range in which patch code detection is enabled. Do not bend or wrinkle the patch code sheet. This could prevent the scanner from recognizing the sheet.
- When the patch code sheet is being scanned, if it is not dense enough, or if it is too dense, the scanner may not be able to recognize it correctly.

2 Place the patch code sheet on top of the documents that are to be saved to a separate file, and then scan the documents.



3 Set the scanning conditions, and then start scanning.

Chapter 5

User Modes

This chapter describes the user modes, which you can use to configure the scanner settings.

5.1 About the User Modes 66
User Mode Functions 66
How to Set the User Modes 68

5.1 About the User Modes

You can configure the scanner settings with the user modes described below.

User Mode Functions

User mode functions are as follows:

- **Count Only Mode**

C	o	u	n	t		O	n	l	y		M	o	d	e	
				O	N			[	O	F	F	]			

ON: Count Only Mode (See “Using the Count Only Mode,” on p. 59.)
OFF: Normal Mode (default)

- **Long Document Mode**

L	o	n	g		D	o	c	u	m	e	n	t		
				O	N			[	O	F	F	]		

ON: Enables detection of documents up to 24.8" (630 mm) long for auto document size detection. (See “Documents,” on p. 42.)
OFF: Enables detection of documents up to 17.0" (432 mm) long for auto document size detection (default).

Important

- Processing speed may slow down when scanning while Long Document mode is set.
- When using Long Document mode, if you place a long document askew in the document tray, it will rub against both sides of the feeding path and may damage the document. Be sure to align the document straight when placing it in the document tray.

- **Stand-by Mode**

S	t	a	n	d	–	b	y		M	o	d	e		
			[	O	N	]			O	F	F			

ON: Scanner enters Stand-by Mode after 10 minutes of non-use (default).
OFF: Scanner does not enter Stand-by Mode.

- **Display Language Mode**

J	a	p	a	n	e	s	e		(	ニ	ホ	ン	コ゛	)
				O	N			[	O	F	F	]		

ON: Japanese
OFF: English (default)

● **Display Contrast Setting**

D	i	s	p	l	a	y		C	o	n	t	r	a	s	t
			<	–	–	–	–	■	–	–	–	>			

Use the Set [◀] and [▶] keys to move the pointer (■) to the left for lighter contrast or to the right for darker contrast.

● **Setting SCSI Transfer Speed**

S	C	S	I		S	p	e	e	d					
			5				1	0		[	2	0	]	

Set the maximum value for synchronous transfer speed for the SCSI interface.
[5]: 5 Mbyte/sec
[10]: 10 Mbyte/sec (First SCSI)
[20]: 20 Mbyte/sec (Ultra SCSI) (default)
If the scanner does not operate correctly when the output speed is set to [20 Mbyte/sec], reduce the transfer speed to [10 Mbyte/sec] or [5 Mbyte/sec].

● **Setting USB Short Packet**

U	S	B		S	h	o	r	t		P	a	c	k	e	t
			[	O	N	]			O	F	F				

Change the USB short packet settings. (default: ON)
If the scanner does not operate normally with your computer's standard USB interface, change the short packet setting to [OFF].

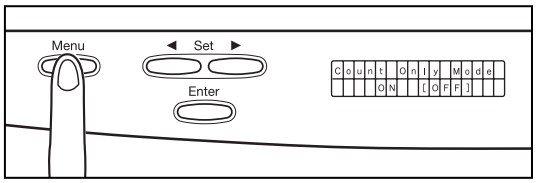
Important

If you change the setting for the SCSI transfer speed or the USB short packet settings, turn OFF the scanner, and then turn it ON.

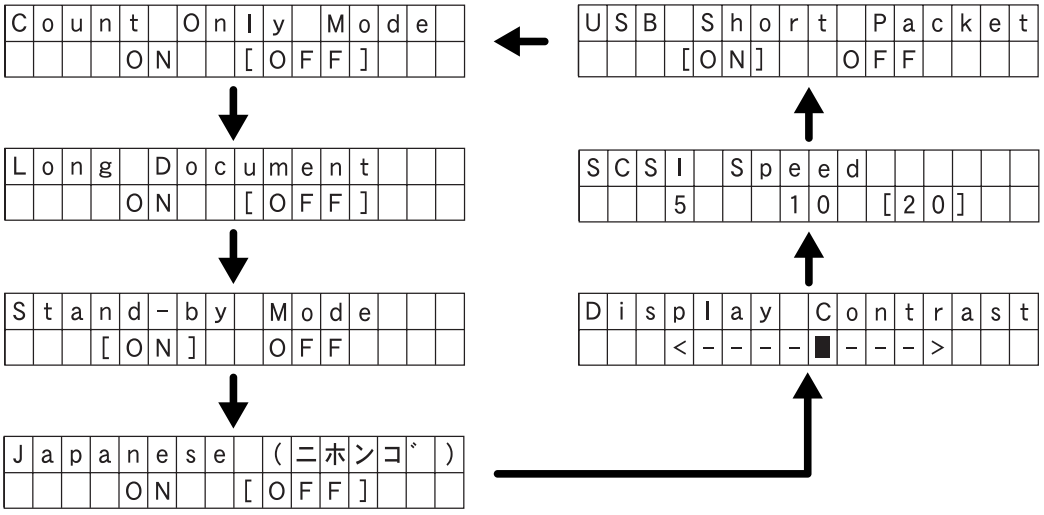
How to Set the User Modes

Use the following procedure to configure user mode settings.

1 Press the [Menu] key to display the user mode screens.



Use the [Menu] key to cycle through the user modes in the sequence shown below.



2 Use the Set [◄] and [►] keys to change the currently displayed setting.

3 Press the [Enter] key to register the displayed setting.

4 To exit the user mode screens, press the [Stop] key.

Chapter 6

Troubleshooting

This chapter describes the trouble that may occur on the DR-7080C and how to correct it.

6.1 When the Scanner Is Not Recognized 70
SCSI Connections 70
USB Connections 72
6.2 Clearing Paper Jams 73
Clearing a Paper Jam 73
Paper Jam Causes 77
6.3 When the Scanned Image Is Not Normal 78
6.4 Display Messages 79
Error Messages 79
Scanner Status Messages 81
6.5 Troubleshooting 82

6.1 When the Scanner Is Not Recognized

The following describes possible causes of your computer not recognizing the scanner. Remedy the problem by following the procedure for the respective cause.

SCSI Connections

Cause	**The scanner is not correctly connected.**
Remedy	Connect the SCSI cables to the scanner in the correct way.

Cause	**The SCSI card is not correctly recognized.**
Remedy	Correctly connect the SCSI card referring to the SCSI card manual. Also, check the following according to the OS that your computer is running on. <Windows 98 and Windows Me> Click [Start]-[Settings]-[Control Panel]-[System], and then open [Device Manager] and check if “SCSI Controller” has an “x” or “!” on it. If you can see one of these, then refer to the SCSI card’s operator’s manual to reset the SCSI card. <Windows NT 4.0 Workstation> Click [Start]-[Settings]-[Control Panel], and then open [SCSI adapter] and check if the “SCSI card” is being recognized correctly. If it is not correctly recognized, then refer to the SCSI card’s operator’s manual to reset the SCSI card. <Windows 2000 Professional> Click [Start]-[Settings]-[Control Panel]-[System]-[Hardware], and then open [Device Manager] and check if “SCSI controller” has an “x” or “!” on it. If you can see one of these, then refer to the SCSI card’s operator’s manual to reset the SCSI card. <Windows XP> Click [Start]-[Control Panel]-[Performance and Maintenance]-[System]-[Hardware], and then open [Device Manager] and check if “SCSI controller” has an “x” or “!” on it. If you can see one of these, then refer to the SCSI card’s operator’s manual to reset the SCSI card.

Cause	**Same SCSI ID is used for other SCSI devices.**
Remedy	Check the SCSI ID of all connected SCSI devices, and make sure that the same SCSI ID is not set to two or more devices. Reset the SCSI IDs if the same SCSI ID is set. (See p. 28.)
Cause	**The terminator is not correctly connected.**
Remedy	Connect the terminator to the last SCSI device on the end of the daisy chain. Enable the terminator function if the SCSI device has a built-in terminator function. (See p. 28.)
Cause	**The scanner was turned ON after the computer.**
Remedy	Turn OFF the computer and scanner. Then, turn ON the scanner, and then turn ON the computer. (See p. 31.)
Cause	**The scanner is OFF.**
Remedy	Turn OFF the computer. Then, turn ON the scanner, and then turn ON the computer. (See p. 31.)
Cause	**The scanner's power cord is disconnected from the scanner or the AC power outlet.**
Remedy	Turn OFF the computer, and correctly connect the scanner's power cord. Then, turn ON the scanner, and then turn ON the computer. (See p. 30.)
Cause	**The scanner does not support the SCSI card.**
Remedy	Replace with a SCSI card compatible with the driver application. (See p. 24.)

USB Connections

Cause	**Scanner is not correctly connected.**
Remedy	Connect the scanner correctly with a cable that supports USB 2.0. (See p. 26.)
Cause	**The scanner is OFF.**
Remedy	Check the connections with the computer, and then turn ON the scanner. (See p. 31.)
Cause	**The USB 2.0 interface card does not support the scanner.**
Remedy	Remove the USB hub.

6.2 Clearing Paper Jams

A paper jam is indicated when scanning stops unexpectedly and the message shown below appears on the display panel. Use the procedure below to clear a paper jam.

F	e	e	d	i	n	g		M	i	s	s				

Clearing a Paper Jam

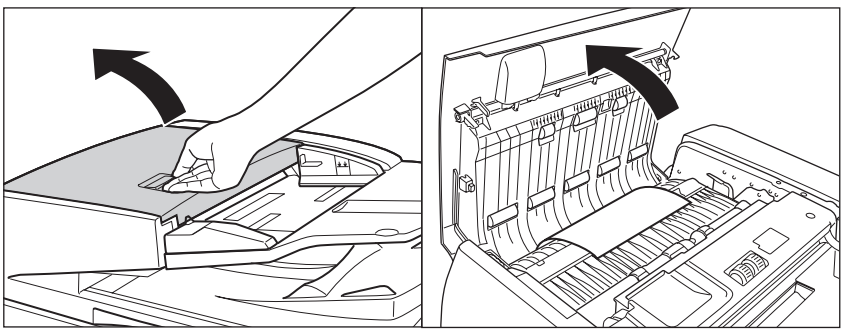
CAUTION

- Be careful when you clear a paper jam. You may be injured unexpectedly. For example, the paper edges may cut your fingers, or the document may be damaged.
- Remove all jammed sheets of paper. Paper scraps left inside the scanner may be drawn into the scanner again, causing another paper jam or malfunction.
- When opening or closing the feeder, take care not to get your fingers caught.

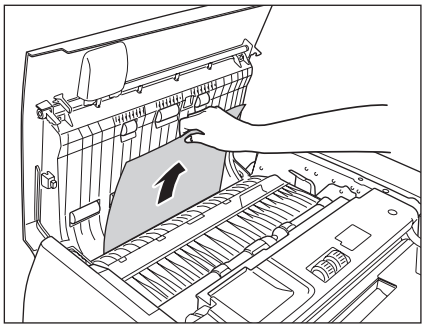
1 Remove all document pages from the document feeder tray and the document eject tray.

2 Open the feeder cover.

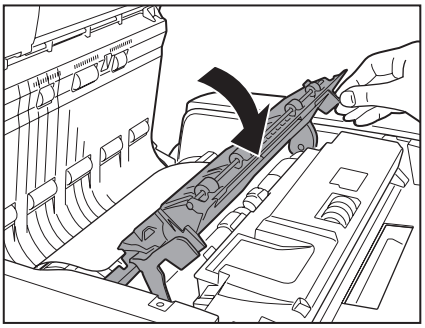
Operate the opening lever, and then slowly raise the cover until it stops.



3 Remove the jammed paper.



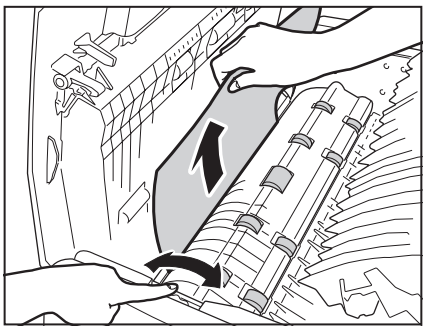
4 If the document is jammed under the feeder guide, grasp the tab inside the scanner to open the feeder guide.



Note

If you are duplex scanning, the document may be jammed under the feeder guide.

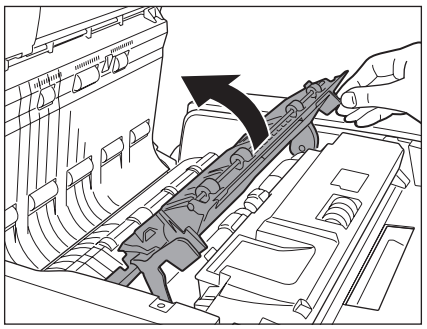
5 Rotate the dial on your side of the scanner to remove any paper jammed inside the feeder.



Note

- Rotating the dial to the right reverse feeds any paper jammed inside the feeder. Gently pull the paper from the feeder as you rotate the dial.
- Rotating the dial to the left forward feeds jammed paper into the document eject tray. After feeding the paper, raise the document feeder tray and remove the paper.

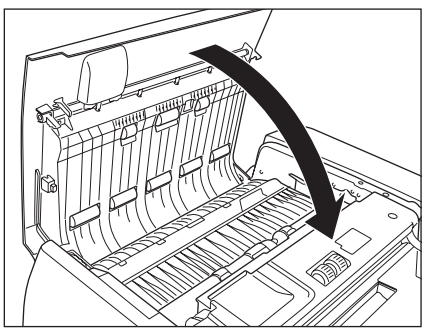
6 Close the feeder guide.



CAUTION

Take care to avoid pinching your fingers when closing the feeder guide.

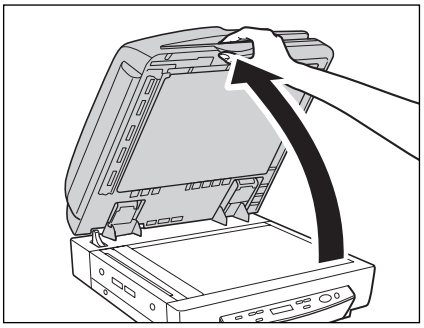
7 Close the feeder cover.



CAUTION

Take care to avoid pinching your fingers when closing the feeder cover.

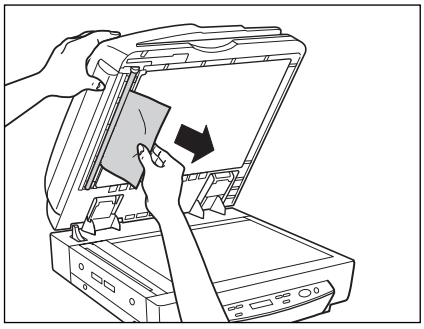
8 Raise the feeder.



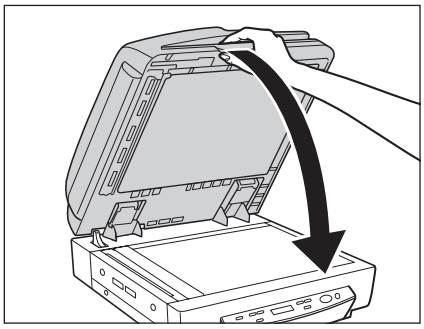
CAUTION

Open the feeder carefully and slowly, taking care to avoid letting the feeder fall over backwards.

9 Remove any paper jammed inside the feeder.



10 Slowly and carefully lower the feeder back down.



CAUTION

Lower the feeder slowly, taking care to avoid pinching your fingers. Failure to do so might result in personal injury.

Paper Jam Causes

Any of the following factors can cause paper to jam. If you experience paper jams, check the following points and take the required action:

- **What to check:** Is the document size or thickness outside the range supported by the feeder, or is the document paper of substandard quality?
  What to do: See “Documents,” on p. 42 for information about required document properties.
- **What to check:** Is a jam being caused by document paper that is not sliding properly?
  What to do: Scan such paper from the flatbed (platen glass), one page at a time. (See p. 47.)
- **What to check:** Are the rollers inside the feeder dirty or worn?
  What to do: If the rollers are dirty, clean them. (See p. 89.) If the rollers are worn, contact your service representative to have them replaced.

6.3 When the Scanned Image Is Not Normal

If there is a problem on the scanned image (image is not sharp or stripes appear on the image), one of the following may be a probable cause. Check the following points and take the appropriate action.

- **The scanning glass or rollers in the scanner are dirty.**
  If the scanning glass or rollers in the scanner are dirty, that dirt will appear on the scanned image.
  → Clean the scanning glass and rollers. For details, see “Daily Cleaning,” on p. 88.

- **The scan conditions are inappropriate.**
  When the scan condition setup is inappropriate, the scanned image will not be sharp or will appear darkish.
  → Check the brightness and other scanner settings.
  If the scanned image is foggy or the document is not scanned at all, a probable cause is that the brightness is set too high.
  If the scanned image appears darkish, a probable cause is that the brightness is set too low.
  Also, check the settings on the driver and the application.

- **The driver or application does not run correctly.**
  If the document cannot be scanned correctly even if the scan conditions are adjusted, a probable cause is that the driver or the application is not functioning correctly.
  → Uninstall and then reinstall the driver or application.
  For details on how to install the driver, see the Easy Start Guide.
  For details on how to install the application, see the instruction manual for the application in use.

- **Other Causes**
  Even if the computer is correctly recognizing the scanner, and the driver and the application are installed correctly, scanning may not be performed correctly. A probable cause is that the interface card is not compatible. Use the recommended interface card.

If the above remedies do not rectify the problem, contact your service representative.

6.4 Display Messages

This section explains the error messages and scanner status messages that appear on the display panel.

Error Messages

The following are the messages that appear to indicate errors.

Display

C	o	v	e	r		O	p	e	n					0	1

Cause **The feeder is raised.**

Remedy Lower the feeder back down.

Display

C	o	v	e	r		O	p	e	n					0	2

Cause **The feeder cover is open.**

Remedy Close the feeder cover.

Display

F	e	e	d	i	n	g		M	i	s	s				

Cause **Jam**

Remedy Check the document and try again. If this error continues to appear, scan the document from the flatbed (platen glass).

Display

J	a	m									x	x	x	x

Cause **Paper is jammed in the feeder.**

Remedy Use the procedure under “Clearing a Paper Jam,” on p. 73 to clear the jammed paper.

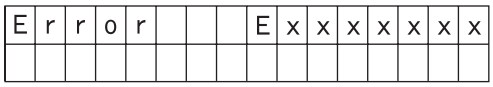
Display

S	e	n	d		f	a	i	l	e	d	.				

Cause **Scan to Mail send error occurs when sending images using the Job Registration Tool.**

Remedy Check the configuration of the Job Registration Tool settings and try again.

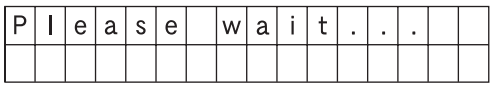
Display	
Cause	**You are attempting to scan a document that contains mixed page sizes while the Different Size Originals Mode is off.**
Remedy	Confirm the front/rear sides of the ejected document, then turn on the Different Size Originals Mode and scan the document again.

Display	
Cause	**This is a "service call error," which indicates that the scanner has an internal problem.**
Remedy	This error requires servicing from your service representative. Turn off the scanner. With the displayed error code on hand, contact your sales reprentative or your service representative.

Scanner Status Messages

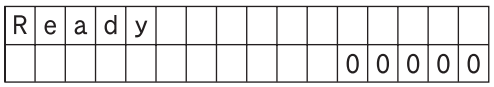
The following messages indicate the current status of the scanner:

Display



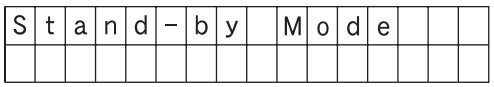
Status: The scanner is performing some process. Please wait.

Display



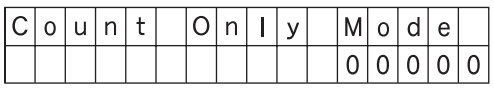
Status: The scanner is in the Ready Mode. The scanner will go into the Stand-by Mode if you do not perform any operation for approximately 10 minutes.

Display



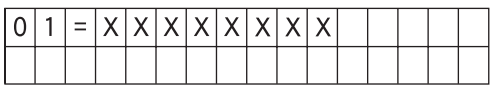
Status: The scanner is in the Stand-by Mode. A signal from the computer or an operation panel key operation will recover the scanner to Ready Mode.

Display



Status: The scanner is in the Count Only Mode. (See “Using the Count Only Mode,” on p. 59.)

Display



Status: The scanner is in the Job Mode. Press the [Start] key to start scanning or the [Stop] key to exit the Job Mode. (See “Using the Job Mode for Scanning,” on p.55.)

6.5 Troubleshooting

Check the following points when you have problems with the scanner operation:

- **Display panel messages are in a different language.**
  Cause: The user mode language setting is not configured correctly.
  Remedy: Display the user mode language setting and select the correct language. (See “About the User Modes,” on p. 66.)

- **Display panel is too dark or too bright.**
  Cause: The display panel brightness is not adjusted correctly.
  Remedy: Adjust the display panel brightness in the user modes. (See "About the User Modes," on p. 66.)

- **Cannot scan with the feeder.**
  Cause: The ISIS/TWAIN driver “Scanning Side” setting is “Flatbed.”
  Remedy: Change the “Scanning Side” setting to something other than “Flatbed.”

- **Job titles do not appear when the [Job] keys are pressed.**
  Cause 1: There are no jobs registered with the Job Registration Tool.
  Remedy 1: Use the Job Registration Tool to register a job. (See “How to Start the Job Registration Tool,” on p. 37.)

  Cause 2: The computer is turned OFF or it is not connected to the scanner.
  Remedy 2: Job data is stored on the computer. Make sure the computer is connected properly and turned ON. (See “Connecting to a Computer,” on p. 26.)

- **The Job function does not work when the [Start] key is pressed after selecting a job.**
  Cause 1: The computer is running an operating system that does not support the Job function.
  Remedy 1: The Job function is not supported under Windows 95 or NT. Use a computer running another operating system when you want to use the Job function. (See “Checking Your Operating Environment,” on p. 24.)

  Cause 2: The Windows Event function is not configured to start DR-7080C Job Tool.
  Remedy 2: On the Windows Control Panel, double-click [Scanners and Cameras] to open DR-7080C SCSI properties. Specify “DR-7080C Job Tool” as the “Event” startup application. (See “Setting the Event Function,” on p. 56.)

- **The Job function does not work when the [Start] key is pressed after selecting a job, and [Scan Error] is displayed.**
  Cause 1: Another application is using the DR-7080C ISIS/TWAIN Driver.
  Remedy 1: Close the other application that is using the DR-7080C ISIS/TWAIN Driver.
  Cause 2: Feeding is specified from the feeder, and a document is not loaded in the feeder.
  Remedy 2: Reload a document into the feeder.

- **Cannot scan with USB cable connections.**
  Cause: The SCSI terminator has not been turned ON.
  Remedy: For this scanner to operate normally, the SCSI terminator needs to be turned ON even when using USB connections. Be sure to turn ON the SCSI terminator. (See "Checking Your Operating Environment," on p. 24.)

- **The feeder does not close completely.**
  Cause: The feeder is in the book scanning position.
  Remedy: Raise the feeder all the way, and then close it carefully and slowly. (See "Positioning a Document on the flatbed (platen glass)," on p. 47.)

Chapter 7

User Maintenance

This chapter describes daily cleaning of the scanner.

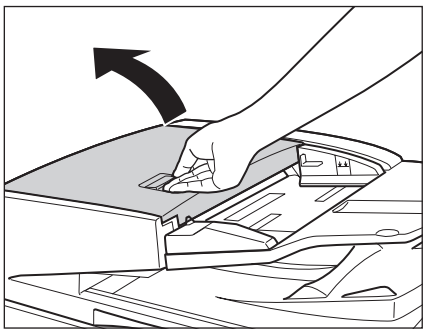
7.1 Changing the Stamp Cartridge 86
7.2 Daily Cleaning 88
Cleaning the Main Unit 88
Cleaning the Flatbed (Platen Glass) and Pressure Board 89
Cleaning the Feeder 90
Cleaning the Power Plug 94

7.1 Changing the Stamp Cartridge

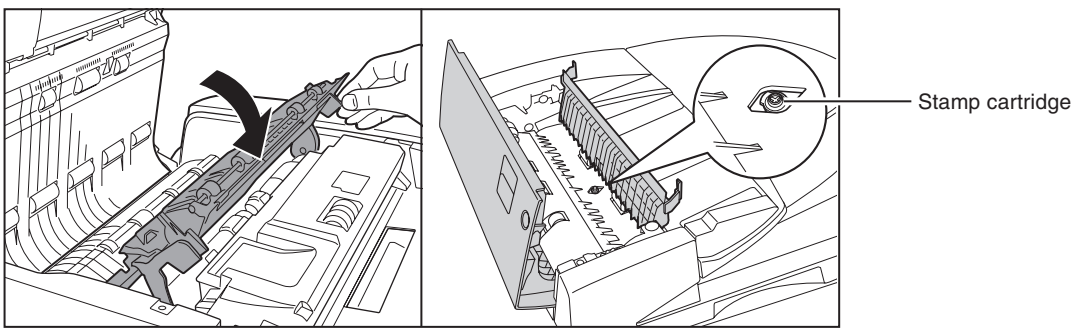
When using the optional stamp unit (see p. 21) to stamp scanned documents, you should use the following procedure to replace the stamp cartridge whenever the stamp mark becomes smudged or faint. Contact your sales reprentative or service representative to purchase a new stamp cartridge.

1 Open the feeder cover.

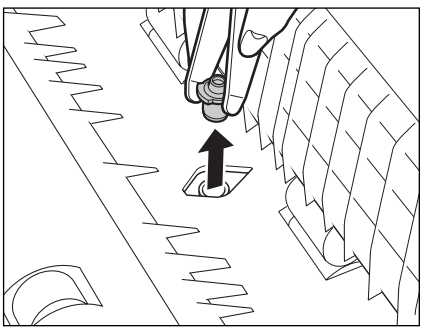
Operate the opening lever, and then slowly raise the cover until it stops.



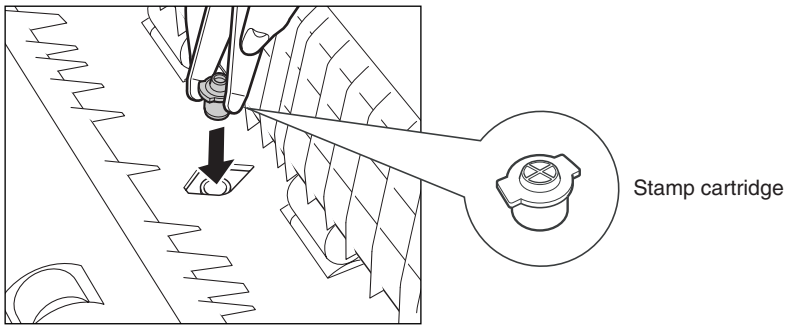
2 Grasping the tab inside the scanner, open the feeder guide.



3 Use a pair of tweezers or some similar tool to remove the old stamp cartridge.



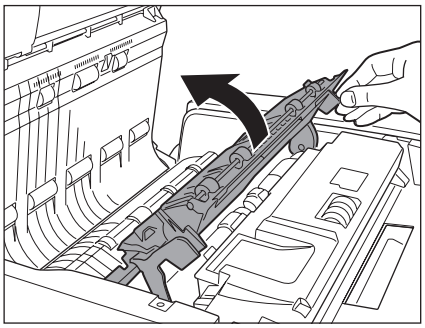
4 Insert a new stamp cartridge.



Important

- When installing the stamp cartridge, make sure that the stamp does not protrude outside the hole.
- Improperly installing the stamp cartridge can cause paper jams.

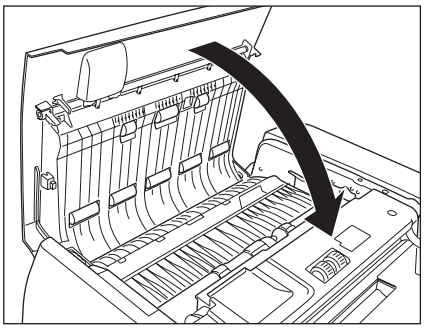
5 Close the feeder guide.



CAUTION

Take care to avoid pinching your fingers when closing the feeder guide.

6 Close the feeder cover.



CAUTION

Take care to avoid pinching your fingers when closing the feeder cover.

7.2 Daily Cleaning

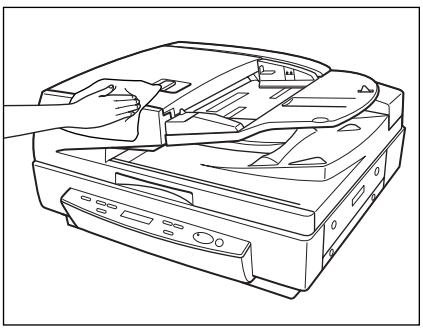
To maintain high-quality scanning, you should periodically clean the following:
- Main unit
- Flatbed (Platen glass)
- Pressure Board
- Feeder

CAUTION

- Before you clean the scanner, turn OFF the scanner and computer and disconnect the power cord from the power outlet. Otherwise, an electrical shock may result.
- Never clean the scanner with any kind of organic solvent, such as alcohol, benzene, or paint thinner. It might cause a fire and electrical shock, or cause the exterior of the scanner to disfigure or discolor.
- Never spray detergent or water directly onto the flatbed (platen glass). Sprayed liquid can get inside the scanner and soil the light source and lens.
- Overuse of water and allowing the scanner to become too wet during cleaning can damage scanned documents and cause malfunction of the scanner.

Cleaning the Main Unit

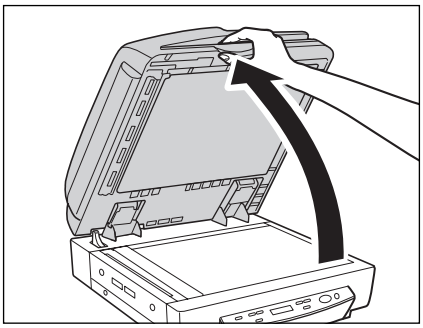
Wipe the scanner with a firmly wrung cloth moistened slightly with water or mild detergent. Then wipe off with a clean, dry cloth.



Cleaning the Flatbed (Platen Glass) and Pressure Board

A dirty flatbed (platen glass) or pressure board can cause soiling of scanned images, or document size detection errors. Clean the flatbed (platen glass) and pressure board periodically.

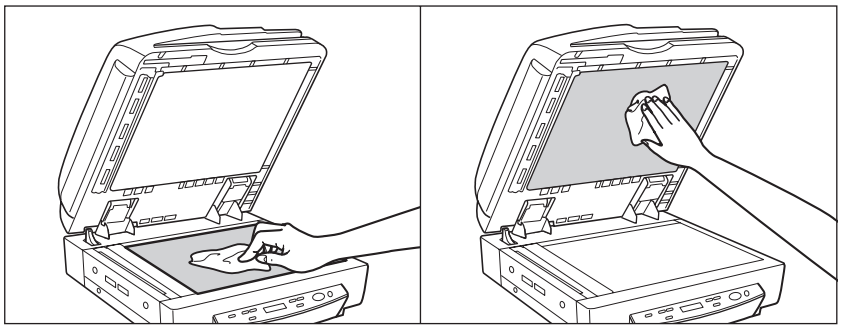
1 Raise the feeder.



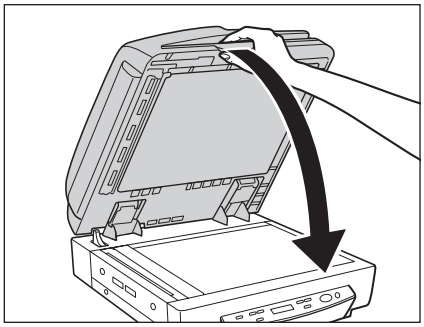
CAUTION

Open the feeder carefully and slowly, taking care to avoid letting the feeder fall over backwards.

2 Wipe the flatbed (platen glass) and pressure board with a cloth moistened with plain water and thoroughly wrung out. Next, wipe the flatbed (platen glass) and pressure board with a soft, dry cloth.



3 Slowly and carefully lower the feeder back down.



CAUTION

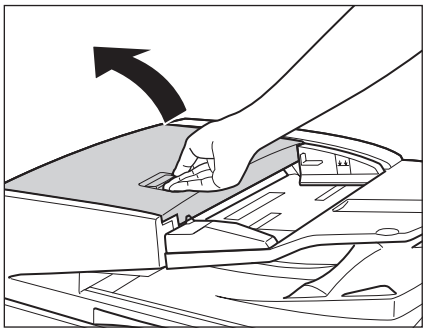
Lower the feeder slowly, taking care to avoid pinching your fingers. Failure to do so might result in personal injury.

Cleaning the Feeder

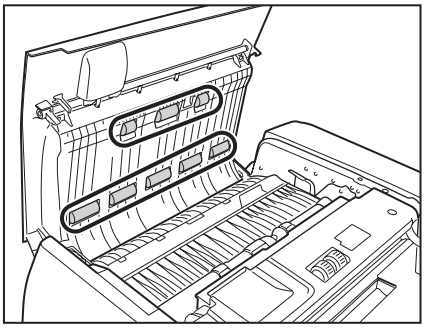
Without periodical cleaning, a problem may be caused on the scanned image or the document may become soiled. Clean the feeder periodically.

1 Open the feeder cover.

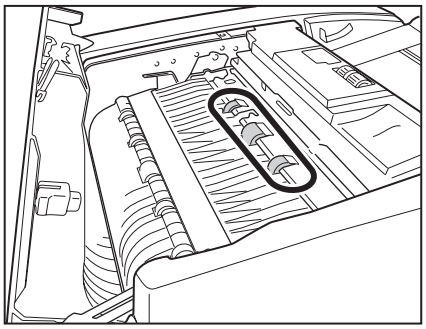
Operate the opening lever, and then slowly raise the cover until it stops.



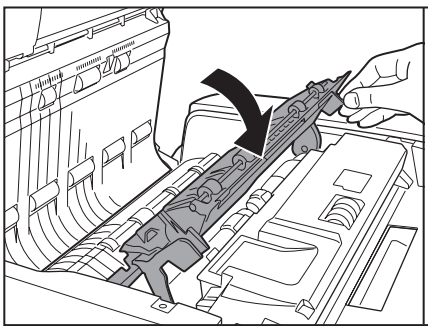
2 Wipe the eight rollers inside the feeder cover with a cloth moistened with plain water and thoroughly wrung out. Next, wipe the rollers dry with a soft, dry cloth.



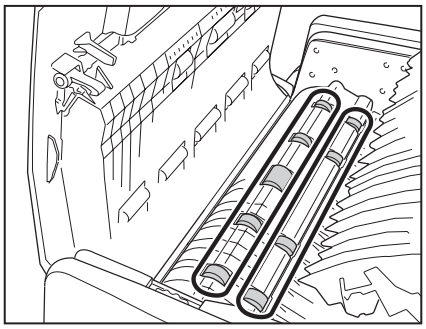
3 Wipe the three rollers on the feeder guide with a cloth moistened with plain water and thoroughly wrung out. Next, wipe the rollers dry with a soft, dry cloth.



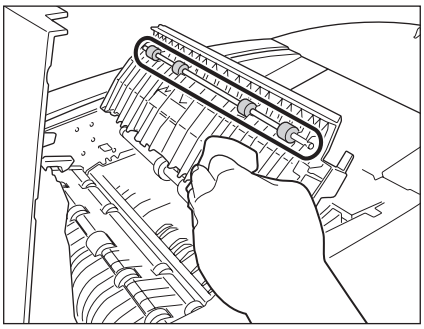
4 Grasping the tab inside the scanner, open the feeder guide.



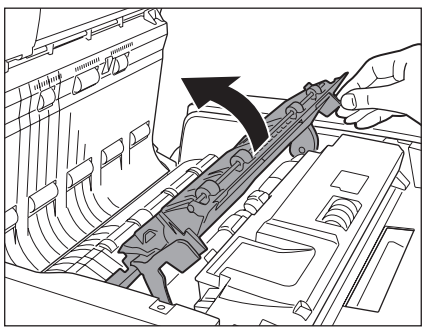
5 **Wipe the nine rollers with a cloth moistened with plain water and thoroughly wrung out. Next, wipe the rollers dry with a soft, dry cloth.**



6 **Wipe the four rollers inside the feeder guide with a cloth moistened with plain water and thoroughly wrung out. Next, wipe the rollers dry with a soft, dry cloth.**



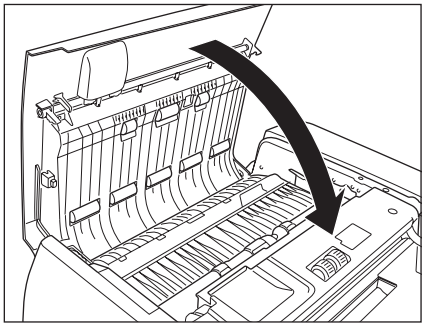
7 **Close the feeder guide.**



CAUTION

Take care to avoid pinching your fingers when closing the feeder guide.

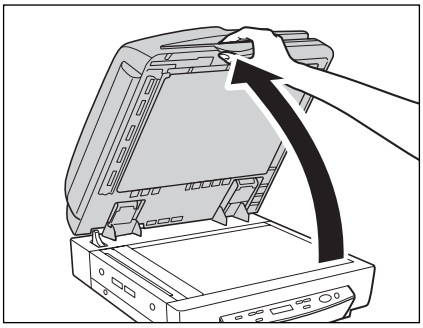
8 Close the feeder cover.



CAUTION

Take care to avoid pinching your fingers when closing the feeder cover.

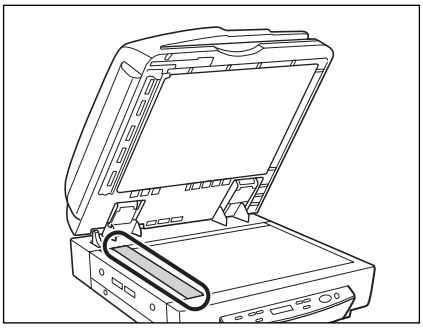
9 Raise the feeder.



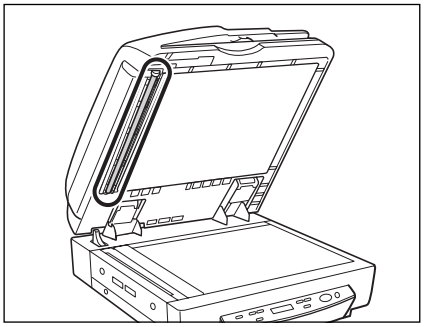
CAUTION

Open the feeder carefully and slowly, taking care to avoid letting the feeder fall over backwards.

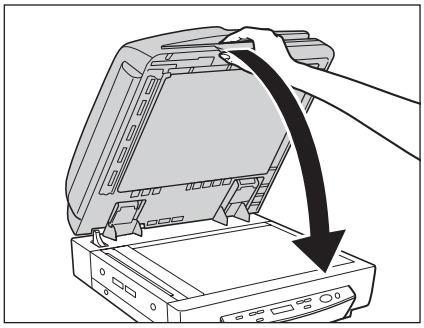
10 Wipe the scanning glass (narrow strip of glass) to the left of the flatbed (platen glass) with a cloth moistened with plain water and thoroughly wrung out. Next, wipe the glass dry with a soft, dry cloth.



11 **Wipe the metal next to the rubber rollers with a cloth moistened with plain water and thoroughly wrung out. Next, wipe the metal dry with a soft, dry cloth.**



12 **Slowly and carefully lower the feeder back down.**



CAUTION

Lower the feeder slowly, taking care to avoid pinching your fingers. Failure to do so might result in personal injury.

Cleaning the Power Plug

If you leave the power plug connected to the power outlet for a long period of time, dust may accumulate at the power outlet, and cause a fire or electrical shock. Clean the power plug periodically.

Appendix

This appendix contains the specifications and index.

Specifications 96
Specifications for the Scanner 96
Options 97
Consumables 97
Exterior Dimensions 98
Index 99

Specifications

Specifications for the Scanner

Type	Desktop ADF/flatbed scanner
Document Size	Width: 5.5" to 12"/139.7 mm to 304.8 mm Length: 5.0" to 17.0"/128 mm to 432 mm (Normal Mode) 5.0" to 24.8"/128 mm to 630 mm (Long Document Mode) 5.0" to 21.0"/128 mm to 540 mm (Long Document Mode/Color 600 dpi Mode)
Document Thickness	Black-and-white Documents • Simplex: 0.002" to 0.006"/0.06 mm to 0.15 mm • Duplex: 0.002" to 0.006"/0.07 mm to 0.15 mm • Black-and-white/Color Documents Mixed 0.002" to 0.006"/0.07 mm to 0.15 mm Color Documents 0.003" to 0.006"/0.08 mm to 0.15 mm
Document Weight	Black-and-white Documents • Simplex: 11 to 32 lb bond/42 to 128 g/m^2 • Duplex: 13 to 32 lb bond/50 to 128 g/m^2 Black-and-white/Color Documents Mixed 13 to 32 lb bond/50 to 128 g/m^2 Color Documents 17 to 32 lb bond/64 to 128 g/m^2
Document Feeding	Feeder/Flatbed
Scanning Method	3-line CCD
Light Source	Xenon lamp
Scanning Side	Simplex (automatic inversion of document for duplex scanning)
Scanning Mode	Black-and-white, advanced text enhanced, error diffusion, 256-level grayscale, 24-bit color
Scanning Resolution (primary scan lines x secondary scan lines)	600 x 600 dpi/400 x 400 dpi/300 x 300 dpi/ 240 x 240 dpi/200 x 200 dpi/150 x 150 dpi/ 100 x 100 dpi

Scanning Speed (portrait LTR/A4-size document):

Black-and-White	Simplex	300 x 300 dpi	70 ppm
	Duplex	300 x 300 dpi	36 ipm
256-level grayscale	Simplex	300 x 300 dpi	68 ppm
	Duplex	300 x 300 dpi	36 ipm
24-bit color	Simplex	150 x 150 dpi	70 ppm
	Duplex	150 x 150 dpi	36 ipm

Automatic Feed	Max. 100 sheets (20 lb bond or 80g/m^2) or stack 0.5" (13 mm) or less
Interface	SCSI-III/Hi-Speed USB 2.0

Other Functions	Automatic paper size detection, Dropout color, Count Only Mode, Job function	
Dimensions	11.8" (H) x 22.6" (W) x 23.7" (D)/ 300 mm (H) x 575 mm (W) x 602 mm (D)	
Weight	Approximately 70.4 lb (33.6 kg)	
Power Requirement	AC 220-240 V (50/60 Hz), 0.74 A (max)	
	AC 120 V (60 Hz), 1.23 A (max)	
Power Consumption	220-240 V model	Operating: 0.74 A maximum Ready: Under 0.23 A
	120 V model	Operating: 1.23 A maximum Ready: Under 0.24 A
Noise	Less than 78 dB	
Operating Environment	Temperature: 59°F to 86°F (15°C to 30°C) Humidity: 25% to 80% RH	

- You can use the functions noted above if the software supports them.
- They may not work depending on your computer's capabilities and the software you are using.

Specifications are subject to change without notice.

Options

Stamp Unit	Stamps a mark on the surface of a document to indicate it has been scanned. (See "Stamp Unit," on p. 21.)

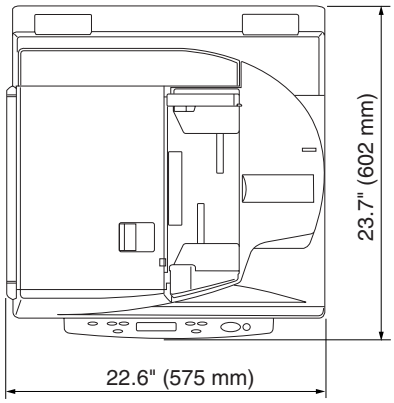
Consumables

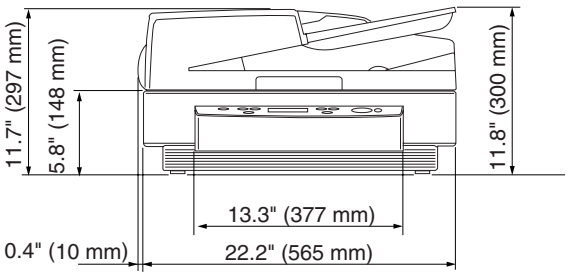
Stamp Cartridge	For replenishing the stamp unit.

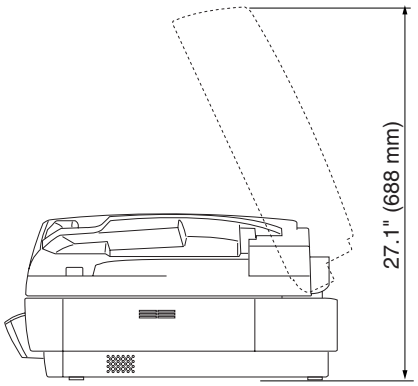
- For details about options and consumables, contact your sales representative or your service representative.

Exterior Dimensions

Units: inches (units in parentheses are millimeters)







Index

- A -

Air vents 17
Automatic feeding 53
Auxiliary paper 45

- B -

Batch separation 55
Before getting started..... 14

- C -

CapturePerfect 34
-How to start CapturePerfect 36
-How to start the Job Registration Tool 37
Carrying 10
Cleaning
-Feeder..... 90
-Main unit 88
-Platen glass 89
-Power plug 94
-Pressure board 89
-Rollers..... 91
Connecting to a computer..... 26
Consumables 97

- D -

Daily cleaning..... 88
Desktop ADF/flatbed scanner 96
DIP switch 28
Documents
-Capacity 43
-Placing 44
-Type 42
Document eject tray 15, 45
Document set indicator 45
Document feeder tray..... 15
Display Contrast Setting 67

- E -

Enter key 68
Error messages..... 79
Event function 56
Exterior dimensions 98

- F -

Features of DR-7080C 12
Feeder 15
-Document eject tray 15
-Document feeder tray 15
-Document set indicator 15
-Feeder cover 15
-Opening lever..... 15
-Slide guide 15
File separation 60
Flatbed 16, 47
-Opening sensor 16
-Platen glass 16
-Power switch 16
-Pressure board (Black) 16

- I -

Installation location 8
ISIS/TWAIN drivers 34
-How to display the ISIS/TWAIN driver Help file..... 35

- J -

Job function..... 20
Job key 55
Job Mode 55
Job Registration Tool..... 34

- L -

Long Document Mode..... 66
Load limitation mark 43

- M -

Messages..... 79

- N -

New File key..... 18

- O -

Operating environment 24
Operation panel 15, 18
-Enter key 18
-Job keys 18

-Menu key 18
-New File key 18
-Set keys 18
-Start key 19
-Stop key 19
Options 21, 97

- P -

Panel feeding 52
Paper jams 73
-Clearing a paper jam 73
-Paper jam causes 77
Part names 15
Patch code patterns 61
Patch code sheets 60
-How to use patch code sheets 62
PATCH II 61
PATCH T 61
Power cord 30
Power cord connector 17
Power supply 9

- R -

Rear
-Air vents 17
-DIP switch 17
-SCSI connectors 17
-Power cord connector 17
Recommended SCSI cards 24
Rubber roller 94

- S -

Safe operation 6
Scan procedure 50
-Automatic feeding 53
-Panel feeding 52
-Standard feeding 51
SCSI cable 27
SCSI cards 24
SCSI connections
-Connecting to a computer 26
-Operating environment 24
SCSI connectors 27
SCSI ID 28
Set key 68
Slide guide 44
Software 34
-How to use the software 35
-Uninstallation 39
Specifications 96
Stamp cartridge 86
Stamp unit 21
Standard feeding 51
Stand-by Mode 66
Start key 19
Stop key 19

- T -

Terminator 28
Transportation screw 14
Troubleshooting 82
Turning OFF the power 32
Turning ON the power 31

- U -

USB 2.0 interface cable 26
USB connections
-Connecting to a computer 26
-Operating environment 24
User modes 65
-Functions 66
-How to set the user modes 68

Job Title Record

This page is for recording the titles of jobs that you have registered with the Job Registration Tool. (See "Job Registration Tool," on p. 38.) Make a copy of this page and the next page and keep them near the scanner.

Job No.	Job Title	Function
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer

Job No.	Job Title	Function
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer
		☐ Scan to PC ☐ Scan to Mail ☐ Scan to Printer

Canon

CANON ELECTRONICS INC.
1248, SHIMOKAGEMORI, CHICHIBU-SHI, SAITAMA 369-1892, JAPAN
CANON U.S.A. INC.
ONE CANON PLAZA, LAKE SUCCESS, N.Y. 11042, U.S.A.
CANON CANADA INC.
6390 DIXIE ROAD, MISSISSAUGA, ONTARIO L5T 1P7, CANADA
CANON EUROPA N.V.
BOVENKERKERWEG 59-61, P.O.BOX 2262, 1180 EG AMSTELVEEN, THE NETHERLANDS
CANON LATIN AMERICA, INC.
703 WATERFORD WAY, SUITE 400 MIAMI, FLORIDA 33126, U.S.A.
CANON AUSTRALIA PTY. LTD.
1 THOMAS HOLT DRIVE, NORTH RYDE, SYDNEY. N.S.W, 2113. AUSTRALIA
CANON SINGAPORE PTE. LTD.
1 HARBOUR FRONT AVENUE #04-01, KEPPEL BAY TOWER, SINGAPORE 098632
CANON HONGKONG COMPANY LTD.
19TH FLOOR, THE METROPOLIS TOWER, 10 METROPOLIS DRIVE, HUNGHOM, KOWLOON, HONG KONG.

PUB.CE-IE-562
©CANON ELECTRONICS INC. 2006